



# STIC Search Report

## EIC 2100

STIC Database Tracking Number: 109743

TO: Leland Jorgensen  
Location: PK2 – 6V03  
Art Unit : 2675  
Friday, December 05, 2003

Case Serial Number: 09/823587

From: Carol Wong  
Location: EIC 2100  
PK2-4B33  
Phone: 305-9729

carol.wong@uspto.gov

### Search Notes

Dear Examiner Jorgensen,

Attached are the search results (two formats: paper copy and downloaded onto floppy disk) from commercial databases for your case.

Color tags (on the paper copy of the search results) mark the patents/articles which appear to be most relevant to the case. Floppy results cannot be tagged, hence, the two formats.

*(Also, no Bolding of Search terms on Floppy)*

Please call if you have any questions or suggestions for additional terminology, or a different approach to searching the case.

Thanks,  
Carol



# STIC Search Results Feedback Form

cw

**EIC 2100**

Questions about the scope or the results of the search? Contact *the EIC searcher* or contact:

Anne Hendrickson, EIC 2100 Team Leader  
308-7831, CPK2-4B40

## Voluntary Results Feedback Form

➤ I am an examiner in Workgroup:  Example: 2100

➤ Relevant prior art **found**, search results used as follows:

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature  
(journal articles, conference proceedings, new product announcements etc.)

➤ Relevant prior art **not found**:

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to STIC/EIC2100-CPK2-4B40



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### Access to Raw Machine Translations

Machine translations of Japanese patents dated 1993 and later are available off the Internet from the Japanese Patent Office, using the following URL (Machine translations are not available from this site for patents published before 1993):

- 1) Go to: [http://www.ipdl.jpo.go.jp/homepg\\_e.ipdl](http://www.ipdl.jpo.go.jp/homepg_e.ipdl)
- 2) Under item 2, click Searching PAJ.
- 3) On the top right, click Number Search.
- 4) Type in the application/patent number of the Japanese document (use leading 0's, e.g., 07-123456).
- 5) Click on the document number. If a document is not found, try a different radial button setting. The default setting is the application number. If you do not get a document, you can try to change this to the publication number (this is the large number on the upper right hand side of most Japanese patents).
- 6) An abstract in English will be displayed. From the several buttons at the top of the screen, click the DETAIL button.
- 7) Select the section of the document to view (note: the translation speed may depend on the speed of your computer).

If you have any questions on using this system or on the translations you receive, contact the [Translations Branch](#) at 308-0881.

Submit comments and suggestions to [John Graham](#)

To report technical problems, click [here](#)

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Last Modified: 03/11/2003 16:28:00

- Include the country name and patent number.
- Provide examples or give us relevant citations, authors, etc., if known.
- FAX or send the **abstract, pertinent claims** (not all of the claims), **drawings, or chemical structures** to your EIC or branch library.

**Enter your Search Topic Information below:**

A console 27 (or kiosk) such as found between the front seats of a car. The console has a storage area covered by a lid 26. The lid has a first hinge so that it swings opened and closed (pivotal movement). The lid has a screen 12 (television, LCD or such) mounted in it on a frame 10 with a second hinge 11 so that the screen swings from an opened to closed position. When the screen is in the closed position it is protected. See figure 3.

Enclosed is claim 1; figure 3; and my EAST search history.

**Special Instructions and Other Comments:**

(For fastest service, let us know the best times to contact you, in case the searcher needs further clarification on your search.)

Press ALT + F, then P to print this screen for your own information.

**SEND** **RESET**

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Last Modified: 07/24/2003 14:31:52

File 9:Business & Industry(R) Jul/1994-2003/Dec 04  
 (c) 2003 Resp. DB Svcs.  
 File 16:Gale Group PROMT(R) 1990-2003/Dec 04  
 (c) 2003 The Gale Group  
 File 47:Gale Group Magazine DB(TM) 1959-2003/Dec 04  
 (c) 2003 The Gale group  
 File 148:Gale Group Trade & Industry DB 1976-2003/Dec 04  
 (c)2003 The Gale Group  
 File 160:Gale Group PROMT(R) 1972-1989  
 (c) 1999 The Gale Group  
 File 275:Gale Group Computer DB(TM) 1983-2003/Dec 04  
 (c) 2003 The Gale Group  
 File 570:Gale Group MARS(R) 1984-2003/Dec 04  
 (c) 2003 The Gale Group  
 File 621:Gale Group New Prod.Annou.(R) 1985-2003/Dec 04  
 (c) 2003 The Gale Group  
 File 636:Gale Group Newsletter DB(TM) 1987-2003/Dec 04  
 (c) 2003 The Gale Group

| Set | Items   | Description  |
|-----|---------|--|
| S1  | 4548312 | LID OR LIDS OR TOP OR TOPS OR COVER OR COVERS  |
| S2  | 210125  | HINGE? ? OR PIVOT??? ? OR SWIVEL? OR PINION? OR GUDGEON? OR TRUNNION?  |
| S3  | 126639  | S1(5N) (SCREEN? ? OR MONITOR? ? OR DISPLAY? OR TV OR TELEVISION? OR VIDEOSCREEN? OR VIEWSCREEN? OR VDT? ? OR VDU? ? OR VTR? ? OR TELLY? OR DVD? ? OR LCD? ?) |
| S4  | 245209  | CONSOLE OR CONSOLES OR KIOSK?  |
| S5  | 9560    | ARMREST? OR HEADREST? OR (ARM OR HEAD) ()REST? ?   |
| S6  | 17488   | S1(3N) (BIN OR BINS OR STORAGE OR COMPARTMENT? ? OR CONTAINER? ? OR CHAMBRE? ? OR CHAMBER? ? OR RECEPTACLE?)   |
| S7  | 123442  | S1(3N) (TRAY? ? OR ENCLOSURE? OR INCLOSURE? OR BOX OR BOXES)   |
| S8  | 5392    | S1(3N)S4:S5  |
| S9  | 32221   | S3(S)S6:S8   |
| S10 | 6190    | S2(5N) (SCREEN? ? OR MONITOR? ? OR DISPLAY? OR TV OR TELEVISION? OR VIDEOSCREEN? OR VIEWSCREEN? OR VDT? ? OR VDU? ? OR VTR? ? OR TELLY?)                     |
| S11 | 1708    | S2(5N) (PLAYER? OR LCD OR VIDEOPLAY? OR VDR? ? OR DVR? ? OR VCR? ?)  |
| S12 | 5183    | FLIP???? ?(5N) (SCREEN? ? OR MONITOR? ? OR DISPLAY? OR TV OR TELEVISION? OR VIDEOSCREEN? OR VIEWSCREEN? OR VDT? ? OR VDU? ? OR VTR? ? OR TELLY?)             |
| S13 | 1088    | FLIP???? ?(5N) (PLAYER? OR LCD OR VIDEOPLAY? OR VDR? ? OR DVR? ? OR VCR? ?)  |
| S14 | 265     | S10:S13(S)S4:S7  |
| S15 | 29      | S14/2002:2003  |
| S16 | 236     | S14 NOT S15  |
| S17 | 231     | S16 NOT PIVOTAL(1W) (ROLE? ? OR PRESEN?)   |
| S18 | 193     | S17 NOT SET()TOP   |
| S19 | 120     | RD (unique items)  |
| S20 | 9       | S19/2001   |
| S21 | 111     | S19 NOT S20  |
| S22 | 102     | S21 NOT (FLIP()CHART? OR BOX()TOP? OR MACHINE()TOOL? OR LA-UNDR? OR GUARD()DOOR? OR TOBACCO)   |

22/3,K/1 (Item 1 from file: 9)  
 DIALOG(R)File 9:Business & Industry(R)  
 (c) 2003 Resp. DB Svcs. All rts. reserv.

2359644 Supplier Number: 02359644 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Nintendo, Visteon plan partnership**  
**(Visteon Automotive Systems is joining forces with Nintendo of America to reach vehicle multimedia market)**  
 Automotive News, v 73, n 5802, p 26F  
 January 18, 1999  
 DOCUMENT TYPE: Journal; News Brief ISSN: 0005-1551 (United States)  
 LANGUAGE: English RECORD TYPE: Fulltext  
 WORD COUNT: 100

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...the Rear Seat Entertainment System for the aftermarket. The system is built into a center **console** and has a videocassette player, plug-ins for video game gear, and a rear-facing, **flip** -up, 6.4-inch **display screen** . Visteon, Ford Motor Co.'s parts-making unit, said the component will be available April...

22/3,K/3 (Item 3 from file: 9)

DIALOG(R)File 9:Business & Industry(R)

(c) 2003 Resp. DB Svcs. All rts. reserv.

1275259 Supplier Number: 01275259 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**In-flight entertainment boosts airline revenues**

**(In-flight entertainment systems expected to improve airline revenues)**

Interavia Business & Technology, v 50, n 593, p 36+

September 1995

DOCUMENT TYPE: Journal ISSN: 0983-1592 (Switzerland)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 2074

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...seat: will be equipped with a full-colour 5, 6 or 8,6 inch colour **display** , that **swivels** from the **armrest** in first class or which is mounted in the seat-back in other classes. The...

22/3,K/5 (Item 2 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2003 The Gale Group. All rts. reserv.

08290892 Supplier Number: 65539636 (USE FORMAT 7 FOR FULLTEXT)

**Buick's Personal Vehicle Assistance concept. (Brief Article)**

Jost, Kevin

Automotive Engineering International, v108, n9, p34

Sept, 2000

Language: English Record Type: Fulltext

Article Type: Brief Article

Document Type: Magazine/Journal; Academic Trade

Word Count: 500

... with a seatbelt and plugged into the cigarette lighter power source. A 7-in color **display flips** up from the 500 x 200 mm (20 x 8 in) **console** and not only shows movies or games, but also provides storage space for headphones, game...

22/3,K/7 (Item 4 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2003 The Gale Group. All rts. reserv.

07842738 Supplier Number: 65475241 (USE FORMAT 7 FOR FULLTEXT)

**High Design at 35,000 Feet; British Airways' New Club World Seat on Display at Miami Museum.**

PR Newswire, pNA

Sept 26, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 361

... upright position to comfortable reclined positions to the fully flat 6-foot bed.

A convenient **console** holds power for a laptop, headphone sockets, personal lighting and a video **monitor** . The **monitor hinges** out to

provide comfortable viewing positions for all seat positions.  
Screens between the seat pairs...

22/3,K/10 (Item 7 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

07669583 Supplier Number: 63825247 (USE FORMAT 7 FOR FULLTEXT)  
**OEM spinoffs gear up to tackle the aftermarket : Delphi strives to produce high-tech, safety-enhancing products. (Brief Article)**  
WILLINS, MICHAEL  
Aftermarket Business, v110, n7, p1  
July, 2000  
Language: English Record Type: Fulltext  
Article Type: Brief Article  
Document Type: Tabloid; Trade  
Word Count: 790

... System. The system plugs into a standard lighter socket and features a 7-inch color **display** that **flips** up from the **console** to show DVD movies or allow users to play games. The system is equipped with  
...

22/3,K/14 (Item 11 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07273361 Supplier Number: 61723841 (USE FORMAT 7 FOR FULLTEXT)  
**Delphi Showcases Seat-Top Rear-Seat Entertainment System On Buick Cielo Concept Car at New York Auto Show.**  
PR Newswire, pNA  
April 19, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 617

... easy installation and removal. The entertainment system can be installed in seconds by securing the **console** unit with a seat belt on the middle seat position on the rear seat and plugging a power cable into the cigarette lighter power source. A 7-inch diagonal color **display** **flips** up from the **console** to show movies or games.  
"These systems are great for families with children," said Dr...

22/3,K/16 (Item 13 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06913851 Supplier Number: 58479195 (USE FORMAT 7 FOR FULLTEXT)  
**(2) Visteon Wins Technology Award at SAE Congress in Brazil.**  
PR Newswire, p7792  
Nov 17, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 525

... show. The system features a mobile unit comprised of a 6.4-inch rear-facing **flip-up LCD screen**, video cassette **player** and video game plug and play system that will keep kids entertained in the backseat while mom and dad drive. The unit is contained in an OEM-grade center **console**, withstands the harsh environment found in vehicles, and closes up completely to deter theft.  
Visteon...

22/3,K/17 (Item 14 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)  
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06820878 Supplier Number: 56981276 (USE FORMAT 7 FOR FULLTEXT)  
**MINIVANS. (Brief Article) (Statistical Data Included)**  
Crain's Cleveland Business, pL-14  
Oct 25, 1999  
Language: English Record Type: Fulltext  
Article Type: Brief Article; Statistical Data Included  
Document Type: Magazine/Journal; Trade  
Word Count: 391

... features an overhead 6.4-inch liquid display screen, which Chrysler claims is the largest **screen** currently available. The **screen flips** down from the ceiling just behind the front seats. A video cassette player is housed inside a slim floor **console** that can be mounted between the front seats or second row quad seats.

An auxiliary...

**22/3,K/10 (Item 7 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07669583 Supplier Number: 63825247 (USE FORMAT 7 FOR FULLTEXT)  
**OEM spinoffs gear up to tackle the aftermarket : Delphi strives to produce high-tech, safety-enhancing products. (Brief Article)**  
WILLINS, MICHAEL  
Aftermarket Business, v110, n7, p1  
July, 2000  
Language: English Record Type: Fulltext  
Article Type: Brief Article  
Document Type: Tabloid; Trade  
Word Count: 790

... System. The system plugs into a standard lighter socket and features a 7-inch color **display** that **flips** up from the **console** to show DVD movies or allow users to play games. The system is equipped with

?t22/3,k/20-22,24,26-31,34,36-37,45

**22/3,K/20 (Item 17 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06752635 Supplier Number: 56000304 (USE FORMAT 7 FOR FULLTEXT)  
**The King, a hog, and Bugs. (Brief Article)**  
Design News, v54, n19, p34  
Oct 4, 1999  
Language: English Record Type: Fulltext  
Article Type: Brief Article  
Document Type: Magazine/Journal; Refereed; Academic Trade  
Word Count: 130

... year rolls out a special Chevrolet Venture Warner Brothers Edition minivan, complete with an overhead **flip** -down **LCD** video **monitor** and a **console** -mounted stereo video cassette player so kids can watch movies or play video games.

**22/3,K/21 (Item 18 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06748901 Supplier Number: 56000193 (USE FORMAT 7 FOR FULLTEXT)  
**A parade of new technology.**  
Murray, Rick DeMeis; Jean Gonzalez; John Lewis; Charles J.  
Design News, v54, n19, p80



Oct 4, 1999

Language: English      Record Type: Fulltext Abstract  
Document Type: Magazine/Journal; Refereed; Academic Trade  
Word Count: 3196

... blind spot behind the vehicle.

- VENTURE GETS A VIDEO. Chevrolet Venture for 2000 adopts a **flip**-down video **screen** specifically designed for use in GM minivans. The **screen** is no aftermarket device--it **flips** up into a **console** when not in use, and it's engineered for temperature extremes and on-the-road...

22/3,K/22      (Item 19 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06540694      Supplier Number: 55358022 (USE FORMAT 7 FOR FULLTEXT)

**Chevrolet And Warner Bros. Produce Unique Venture.**

PR Newswire, p6495

August 5, 1999

Language: English      Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 514

... is designed to help make family road trips fun and safe. It has an overhead **flip**-down **LCD** video **monitor** -- with Warner Bros. logo -- and **console** - mounted stereo video cassette player with remote control so kids (and other rear-seat passengers...

22/3,K/24      (Item 21 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06421968      Supplier Number: 54934660 (USE FORMAT 7 FOR FULLTEXT)

**BUSINESS DIARY.**

Crain's Detroit Business, p18

June 14, 1999

Language: English      Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 1432

... System for minivans. The mobile video system has a Nintendo 64-game system, VHS videocassette **player**; a **flip**-up video **screen** hidden for theft deterrence and a floor-mounted **console**. The system can be installed into new minivans or retrofitted into minivans built since 1994...

22/3,K/26      (Item 23 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06161722      Supplier Number: 53976687 (USE FORMAT 7 FOR FULLTEXT)

**Visteon Multimedia Products Engineered With Today's Convenience-Savvy**

**Consumers in Mind.**

PR Newswire, p0336

March 1, 1999

Language: English      Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 572

... blend completely with the automotive interior. The system features a 6.4 inch, rear-facing, **flip**-up **LCD** **screen**, a video cassette player and video plug-and-play capability, all integrated into a center **console** which looks like original equipment.

Visteon's Rear Seat Entertainment System folds down completely to...

22/3,K/27 (Item 24 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06102225 Supplier Number: 53671351 (USE FORMAT 7 FOR FULLTEXT)  
**SUPPLY LINE.**  
Ott, John Couretas; Robert Sherefkin; Karalynn  
Automotive News, p26F(1)  
Jan 18, 1999  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Tabloid; Trade  
Word Count: 774

... the Rear Seat Entertainment System for the aftermarket. The system is built into a center **console** and has a videocassette player, plug-ins for video game gear, and a rear-facing, **flip** -up, 6.4-inch **display screen** . Visteon, Ford Motor Co.'s parts-making unit, said the component will be available April...

22/3,K/28 (Item 25 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06092891 Supplier Number: 53634316 (USE FORMAT 7 FOR FULLTEXT)  
**January Means . . . NORTH AMERICAN INTERNATIONAL AUTO SHOW.**  
Ward's Auto World, n0043-0315, pNA  
Jan, 1999  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 1315

... the SUV's primary attribute. Rear-seat passengers can alter the interior by folding an **armrest** into the center **console** and **flipping** up a wafer-thin video **screen** . And the driver can reposition readouts in the IP display pod.

Chevrolet's Nomad concept...

22/3,K/29 (Item 26 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06067882 Supplier Number: 53532844 (USE FORMAT 7 FOR FULLTEXT)  
**Visteon's New Rear Seat Entertainment System Turns Minivans Into Mobile Entertainment Centers.**  
PR Newswire, p0301  
Jan 7, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 547

... trips in a vehicle. The system is comprised of a 6.4-inch, rear-facing, **flip** -up **LCD screen** ; video cassette **player** and video game plug-and-play capability, all of which is integrated into a high-quality center **console** designed to look like original equipment and withstand the harsh environment found in vehicles.

"It...

22/3,K/30 (Item 27 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06032912 Supplier Number: 53476164 (USE FORMAT 7 FOR FULLTEXT)  
**Components And Systems 1999.**  
Automotive Industries, v178, n12, p41(1)  
Dec, 1998

Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 1863

... the system features a 5.6-inch flat panel display from Sharp. The color video **monitor** **flips** down from an overhead **console** for viewing by second and third row passengers. The display cannot be seen from the front captain's seats. The unbranded video cassette player is placed in the lower **console** in the front of the vehicle.

The Premier model's overhead console contains a universal...

22/3,K/31 (Item 28 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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05668282 Supplier Number: 50132158 (USE FORMAT 7 FOR FULLTEXT)

**Flipdown LCD monitor**

Aftermarket Business, v108, n6, p56

June, 1998

Language: English Record Type: Fulltext

Article Type: Article

Document Type: Magazine/Journal; Tabloid; Trade

Word Count: 95

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

Audiovox Specialized Applications (ASA) has added an overhead **flipdown** 6.4-inch **LCD Monitor** pod to its Flexvision line. All controls are conveniently located on the pod which includes...

...camcorder inputs and two built-in headphone jacks. With one push of a button, the **monitor** **flips** down into position for viewing **television** and movies, playing video games or seeing video camera shots. When not in use it stows flush with the overhead **console** or shroud of the mini-van or SUV.

22/3,K/34 (Item 31 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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03928588 Supplier Number: 45677881 (USE FORMAT 7 FOR FULLTEXT)  
**CONTINENTAL INAUGURATES DAILY NON-STOP SERVICE FROM NEWARK/NEW YORK TO MANCHESTER, ENGLAND**

PR Newswire, p719NY101

July 19, 1995

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 552

... in international first class. Each seat is equipped with a motorized extendible legrest and adjustable **headrest**, as well as a personal entertainment system featuring a choice of six simultaneous multi-lingual video programs on a **flip-up swivel-mounted LCD television screen**, plus a choice of 90-minute audio programs on electronic stereo headsets. All flights to...

22/3,K/36 (Item 33 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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03284136 Supplier Number: 44529132 (USE FORMAT 7 FOR FULLTEXT)

**Continental: A Bold Vision For The Future**

Business Travel News, pS94

March 21, 1994

Language: English Record Type: Fulltext

Document Type: Tabloid; Trade  
Word Count: 850

... s success are its specially designed, electronically-controlled sleeper seats with motorized extendable legrest, adjustable **headrest** and power lumbar support featuring a remarkable 55 inch pitch - almost 40% more pitch than...

...highlighted by a private video system offering a choice of six channels available on a **flip-up swivel-mounted LCD television screen**.

During its first full year of operation in 1993, BusinessFirst garnered a host of industry...

**22/3,K/37 (Item 34 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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03239366 Supplier Number: 44452084 (USE FORMAT 7 FOR FULLTEXT)  
**CROSS EXAMINATION**  
AutoWeek, p19  
Feb 21, 1994  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 1950

... radio and a button that activates a Sony Satellite navigation system.

Press it, and up **flips** an LED **monitor** from the corrugated panel in front of the windshield; a toggle switch on the **console** allows you, Nintendo style, to plot and trace your route. It's programmed for backwoods  
...

**22/3,K/45 (Item 2 from file: 47)**  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
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05371671 SUPPLIER NUMBER: 54680954 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**1999 Spring Auto Guide. (automobiles) (Evaluation)**  
Koblenz, Jay  
Black Enterprise, 29, 9, 122(1)  
April, 1999  
DOCUMENT TYPE: Evaluation ISSN: 0006-4165 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 3490 LINE COUNT: 00260

... fully loaded minivan with one extra feature: a built-in entertainment system. A small color **LCD video screen** **flips** down from the roof just aft of the front seats. There's a VCR in the center **console**. The audio system can either play through the speaker system or only through the headphone...

?t22,3,k/47-52,63-66,70,74

>>>'K' not recognized as set or accession number

?t22/3,k/47-52,63-66,70,74,83,95

**22/3,K/47 (Item 4 from file: 47)**  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2003 The Gale group. All rts. reserv.

05293659 SUPPLIER NUMBER: 53530073 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**PONTIAC AZTEK. (automobile) (Abstract) (Evaluation)**  
Keebler, Jack  
Motor Trend, 51, 2, 40(1)  
Feb, 1999  
DOCUMENT TYPE: Abstract Evaluation ISSN: 0027-2094 LANGUAGE:  
English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 2068 LINE COUNT: 00186

... the on-board navigation unit. In the center of the vehicle's headliner, a second **screen** can be **flipped** down for viewing output from a digital video disc player. That would keep troops seated...

...rear bucket seats and running on a short track system is a clever movable center **console**. The storage unit can be slid conveniently back and forth to any position between the...

22/3,K/48 (Item 5 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2003 The Gale group. All rts. reserv.

05281018 SUPPLIER NUMBER: 53368156 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**ENTERTAINING SUB.**  
STONE, MATT  
Motor Trend, 148(1)  
Jan, 1998  
ISSN: 0027-2094 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 328 LINE COUNT: 00031

... AM/FM/CD with 10-disc changer, and several control units. Audiovox provides the lower **console** -mounted 13-inch TV unit and VCR. Those in the way-back seats can enjoy a headliner-mounted Rosen 5.6-inch **LCD flipdown TV**. Tunes are boosted via a combination of speakers and hardware from Precision Power, MB Quart...

22/3,K/49 (Item 6 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2003 The Gale group. All rts. reserv.

05280992 SUPPLIER NUMBER: 53368118 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**SHELBY SP 360 DODGE DURANGO. (Evaluation)**  
Stone, Matt; show, Specialty Equipment Marketing Association  
Motor Trend, 48(1)  
Jan, 1998  
DOCUMENT TYPE: Evaluation ISSN: 0027-2094 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 969 LINE COUNT: 00098

... designed specifically for the SP 360; you can also order these seats and an additional **console** for the rear seating area. Should you go for the optional supercharged engine, you'll...

...interior trim, and you can play your LeMans highlight videos on the Orion video cassette **player** with 5.6-inch Rosen **flip** -down **TV screen**. Nobody said performance, comfort, and entertainment don't mix.  
With all this hardware, you'd...

22/3,K/50 (Item 7 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2003 The Gale group. All rts. reserv.

05242993 SUPPLIER NUMBER: 53075839 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**AN ENTERTAINMENT CENTER ON FOUR WHEELS.**  
Motor Trend, 114(1)  
Nov 1, 1998  
ISSN: 0027-2094 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 305 LINE COUNT: 00026

TEXT:

...for rear-seat passengers. The heart of the fun is a compact, 5.6-inch **LCD** video **monitor** that **flips** down from its overhead location just behind the front seats, within easy view of the...

...seat occupants. This is fed by a video-cassette player housed in the front center **console** (under a CD player), which can be controlled through a handheld remote. For rear-seaters...

22/3,K/51 (Item 8 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2003 The Gale group. All rts. reserv.

05234180 SUPPLIER NUMBER: 21168696 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**BHMA NAVIGATOR. (customized sport-utility vehicle) (Brief Article)**  
Stone, Matt  
Motor Trend, v50, n9, p119(1)  
Sept, 1998  
DOCUMENT TYPE: Brief Article ISSN: 0027-2094 LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 545 LINE COUNT: 00045

... has them: an in-dash Philips Carin satellite navigation system, a Sony stereo and CD **player**, **flip**-down viewing **screens**, and a video cassette player. The kids can tune in (or out) via the Nintendo Gameboy system built into the rear **console** -thankfully with its own set of wireless headphones.

The Blue Brick is BHMA's development...

22/3,K/52 (Item 9 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2003 The Gale group. All rts. reserv.

05223907 SUPPLIER NUMBER: 21005979 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Duck truck. (Outdoors) (Evaluation)**  
Gorant, Jim  
Popular Mechanics, v175, n8, p40(2)  
August, 1998  
DOCUMENT TYPE: Evaluation ISSN: 0032-4558 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1098 LINE COUNT: 00084

... off-road guidance. A 6-CD changer and a cellphone adapter sit in the front **console**, and a **TV monitor flips** down out of an overhead **console**. The TV speakers are built into the C pillars, while the overhead **console** has jacks for audio headsets and video input from a camcorder.

This last feature comes...

22/3,K/63 (Item 2 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

10881242 SUPPLIER NUMBER: 54116137 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Surfing the 'net while driving? (automobile industry trends) (Editorial)**  
Finlay, Steve  
Ward's Dealer Business, 33, 6, 7(1)  
Feb, 1999  
DOCUMENT TYPE: Editorial ISSN: 1086-1629 LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 861 LINE COUNT: 00071

... s '99 Silhouette Premiere edition minivan includes a factory-installed VCR in the lower center **console** and a 5-in. **monitor** that **flips** down from the headliner.

Other automaters are watching to see how well three Oldsmobile's...

22/3,K/64 (Item 3 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

09828644      SUPPLIER NUMBER: 17437378      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**In-flight entertainment boosts airline revenues. (includes related article)**  
Hozee, Ernst L.  
Interavia Business & Technology, v50, n593, p36(3)  
Sep, 1995  
ISSN: 0983-1592      LANGUAGE: English      RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 2215      LINE COUNT: 00180

...      The seat: will be equipped with a fullcolour 5, 6 or 8,6 inch  
colour **display** , that **swivels** from the **armrest** in first class or which  
is mounted in the seat-back in other classes. The...

**22/3,K/65      (Item 4 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

08827575      SUPPLIER NUMBER: 18457149      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**My airport, my palace. (luxury services of Virgin Atlantic and British Airways)**  
Teitelbaum, Richard  
Fortune, v134, n2, p152(2)  
July 22, 1996  
ISSN: 0015-8259      LANGUAGE: English      RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1549      LINE COUNT: 00116

**22/3,K/66      (Item 5 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

07746198      SUPPLIER NUMBER: 16644349      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Continental to inaugurate service between Newark/New York and Manchester, England.**  
Business Wire, p03131244  
March 13, 1995  
LANGUAGE: ENGLISH      RECORD TYPE: FULLTEXT  
WORD COUNT: 582      LINE COUNT: 00050

...      in international first class.  
Each seat is equipped with a motorized extendable legrest and  
adjustable **headrest** , as well as a personal entertainment system featuring  
a choice of six simultaneous multi-lingual video programs on a **flip -up**  
**swivel -mounted LCD television screen** , plus a choice of 90-minute  
audio programs on electronic stereo headsets.  
Development of new...

**22/3,K/70      (Item 9 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

05917657      SUPPLIER NUMBER: 12209098      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Digital system has Goeken airborne again. (John 'Jack' Goeken; In-Flight Phone Corp. begins commercial testing of its digital FlightLink pasenger communications system) (News of the Week)**  
Mason, Charles F.  
Telephony, v222, n21, p10(2)  
May 25, 1992  
ISSN: 0040-2656      LANGUAGE: ENGLISH      RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 804      LINE COUNT: 00063

...      as an information center for passengers. The back of each seat is  
equipped with an **LCD screen** . The phone, a **flip -style unit**, is  
recessed in the **armrest** , and a keypad on the phone is used to select from  
various menu options displayed...

22/3,K/74 (Item 13 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

04156734 SUPPLIER NUMBER: 08201449 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**First class finery; (airlines using technology to entice passengers) (Focus on Luxury Travel)**  
Sturken, Barbara  
Travel Weekly, v48, n99, pS45(3)  
Dec 11, 1989  
ISSN: 0041-2082 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 1978 LINE COUNT: 00155

... completion in early 1990. As a result, the forward cabins will feature small "personal video **screens**" - **television** sets that **swivel** out from the **armrest**. Passengers will be able to choose from up to 50 on-board films.

Several companies...

22/3,K/83 (Item 3 from file: 160)  
DIALOG(R)File 160:Gale Group PROMT(R)  
(c) 1999 The Gale Group. All rts. reserv.

01103300  
**GENIGRAPHICS INTRODUCES COMPUTER-GRAPHICS SYSTEM FEATURING A HIGH-PRODUCTIVITY ERGONOMIC DESIGN.**  
NEWS RELEASE (FOR FURTHER INFORMATION APPLY TO COMPANY INDEXED) November 8, 1984 p. 1,2

... comfort and productivity. The SG1's ergonomic features include a high-resolution, anti-glare video **display** that **swivels** and tilts; an adjustable keyboard with palm rests; a tablet that slides forward for close ...

... work; a cursor control box that also slides forward and is located within built-in **armrests**; and the **console** incorporates an adjustable footrest. These features enable production artists to adapt the SG1 to body ...

22/3,K/95 (Item 1 from file: 570)  
DIALOG(R)File 570:Gale Group MARS(R)  
(c) 2003 The Gale Group. All rts. reserv.

02002602 Supplier Number: 67378299 (USE FORMAT 7 FOR FULLTEXT)  
**New Audiovox DVD Line To Begin Shipping.**  
TWICE, v15, n24, p30  
Oct 23, 2000  
ISSN: 0892-7278  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 254

... under the seat or in the trunk. It is designed to work with an Audiovox **flip**-down pod **screen** or **headrest screen** and will play numerous formats, including CD and CDR. Estimated street price for the MV ...

?t22/3,k/96,99-100

22/3,K/96 (Item 2 from file: 570)  
DIALOG(R)File 570:Gale Group MARS(R)  
(c) 2003 The Gale Group. All rts. reserv.

01905896 Supplier Number: 62494635  
**Emerson ships in-dash, flip-up TV.**  
TWICE, p75(1)



April 28, 2000  
ISSN: 0892-7278  
Language: English Record Type: Abstract  
Document Type: Magazine/Journal; Trade

ABSTRACT:

Emerson Mobile Products has introduced an in-dash, **flip** -up, 5-in TFT **LCD** color television with a suggested retail price of \$899. The model TVL-8100 features a...

...TV tuner, including two A/V inputs and outputs for connection to a video game **console**, VCP and other video sources. It also has a built-in CD changer and generates...

22/3,K/99 (Item 1 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

04481583 Supplier Number: 57477280 (USE FORMAT 7 FOR FULLTEXT)  
**GM: Chevrolet and Warner Bros. produce unique ve venture.**  
M2 Presswire, pNA  
Nov 8, 1999  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 721

... is designed to help make family road trips fun and safe. It has an overhead **flip** -down **LCD** video **monitor** - with Warner Bros. logo -- and **console** -mounted st stereo video cassette player with remote control so

22/3,K/100 (Item 2 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

04411598 Supplier Number: 55505478 (USE FORMAT 7 FOR FULLTEXT)  
**Brand New Branding Opps Brands Hit Minivans, PCs.**  
Selling to Kids, v4, n16, pNA  
August 18, 1999  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 994

... Family Entertainment and Chevy Venture on the side.  
The car comes with a WB-logoed **flip** -down **LCD** video **monitor** and **console** -mounted stereo video cassette player to play WB products.

In fact, the Venture deal was...

?

File 696:DIALOG Telecom. Newsletters 1995-2003/Dec 04  
(c) 2003 The Dialog Corp.  
File 15:ABI/Inform(R) 1971-2003/Dec 05  
(c) 2003 ProQuest Info&Learning  
File 98:General Sci Abs/Full-Text 1984-2003/Oct  
(c) 2003 The HW Wilson Co.  
File 141:Readers Guide 1983-2003/Oct  
(c) 2003 The HW Wilson Co  
File 484:Periodical Abs Plustext 1986-2003/Nov W5  
(c) 2003 ProQuest  
File 608:KR/T Bus.News. 1992-2003/Dec 05  
(c)2003 Knight Ridder/Tribune Bus News  
File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc  
File 613:PR Newswire 1999-2003/Dec 05  
(c) 2003 PR Newswire Association Inc  
File 635:Business Dateline(R) 1985-2003/Dec 05  
(c) 2003 ProQuest Info&Learning  
File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire  
File 610:Business Wire 1999-2003/Dec 05  
(c) 2003 Business Wire.  
File 369:New Scientist 1994-2003/Nov W5  
(c) 2003 Reed Business Information Ltd.  
File 370:Science 1996-1999/Jul W3  
(c) 1999 AAAS  
File 20:Dialog Global Reporter 1997-2003/Dec 05  
(c) 2003 The Dialog Corp.  
File 624:McGraw-Hill Publications 1985-2003/Dec 04  
(c) 2003 McGraw-Hill Co. Inc  
File 634:San Jose Mercury Jun 1985-2003/Dec 04  
(c) 2003 San Jose Mercury News  
File 647:CMP Computer Fulltext 1988-2003/Nov W5  
(c) 2003 CMP Media, LLC  
File 674:Computer News Fulltext 1989-2003/Nov W4  
(c) 2003 IDG Communications

| Set | Items   | Description  |
|-----|---------|--|
| S1  | 5728909 | LID OR LIDS OR TOP OR TOPS OR COVER OR COVERS  |
| S2  | 241904  | HINGE? ? OR PIVOT??? ? OR SWIVEL? OR PINION? OR GUDGEON? OR TRUNNION?  |
| S3  | 91596   | S1(5N) (SCREEN? ? OR MONITOR? ? OR DISPLAY? OR TV OR TELEVISION? OR VIDEOSCREEN? OR VIEWSCREEN? OR VDT? ? OR VDU? ? OR VTR? ? OR TELLY? OR DVD? ? OR LCD? ?) |
| S4  | 188531  | CONSOLE OR CONSOLES OR KIOSK?  |
| S5  | 11093   | ARMREST? OR HEADREST? OR (ARM OR HEAD) ( ) REST? ?   |
| S6  | 14359   | S1(3N) (BIN OR BINS OR STORAGE OR COMPARTMENT? ? OR CONTAINER? ? OR CHAMBRE? ? OR CHAMBER? ? OR RECEPTACLE?)   |
| S7  | 85208   | S1(3N) (TRAY? ? OR ENCLOSURE? OR INCLOSURE? OR BOX OR BOXES)   |
| S8  | 3831    | S1(3N)S4:S5  |
| S9  | 22546   | S3(S)S6:S8   |
| S10 | 3195    | S2(5N) (SCREEN? ? OR MONITOR? ? OR DISPLAY? OR TV OR TELEVISION? OR VIDEOSCREEN? OR VIEWSCREEN? OR VDT? ? OR VDU? ? OR VTR? ? OR TELLY?)                     |
| S11 | 2095    | S2(5N) (PLAYER? OR LCD OR VIDEOPLAY? OR VDR? ? OR DVR? ? OR VCR? ?)  |
| S12 | 18      | S9(S)S10:S11   |
| S13 | 3       | S12/2002:2003  |
| S14 | 15      | S12 NOT S13  |
| S15 | 9       | RD (unique items)  |
| S16 | 33      | S10:S11(S)S4:S5  |
| S17 | 24      | S10:S11(S)S6:S7  |
| S18 | 38      | S16:S17 NOT S12  |
| S19 | 17      | S18/2002:2003  |
| S20 | 21      | S18 NOT S19  |
| S21 | 19      | RD (unique items)  |
| S22 | 3863    | FLIP???? ?(5N) (SCREEN? ? OR MONITOR? ? OR DISPLAY? OR TV OR TELEVISION? OR VIDEOSCREEN? OR VIEWSCREEN? OR VDT? ? OR VDU?                                    |

? OR VTR? ? OR TELLY?)  
S23      960    FLIP???? ?(5N) (PLAYER? OR LCD OR VIDEOPLAY? OR VDR? ? OR D-  
          VR? ? OR VCR? ?)  
S24      136    S22:S23(S)S4:S7  
S25      43      S24/2002:2003  
S26      89      S24 NOT (S25 OR S12 OR S16:S17)  
S27      63      RD (unique items)

21/3,K/1 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

02111577 66458051

**More players, sophistication**

Latshaw, Jamie  
Dealerscope v43n1 PP: 66 Jan 2001  
JRNL CODE: DEA  
WORD COUNT: 721

...TEXT: entertainment, Alpine will introduce its first flip-down monitor with custom-fit shrouds and overhead **consoles** for specific vehicle applications. The **monitor** 's **swivel** mechanism allows the **monitor** to maintain a horizontal viewing angle in any position. Alpine also added remote control over...

21/3,K/2 (Item 2 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

00633043 92-47983

**A 21st Century Outlook**

Jaccoma, Richard  
Dealerscope Merchandising v34n8 PP: 52-53 Aug 1992  
ISSN: 0888-4501 JRNL CODE: DEA  
WORD COUNT: 1340

...ABSTRACT: both of these models is Sequential Equalization. Zenith is the market leader in sales of **console** furniture. One model that sells well is the SJ2743LK, which features a **swivel** -base **TV** in a cabinet with shelves for a VCR and videotapes, with black glass doors and...

21/3,K/3 (Item 3 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

00601011 92-16184

**Work and Play: Things to Come**

Westlake, Michael  
Far Eastern Economic Review v155n8 PP: 44-45 Feb 27, 1992  
ISSN: 0014-7591 JRNL CODE: FER  
WORD COUNT: 1168

...ABSTRACT: BA has elected to use an individual videotape-player in each first-class seat's **arm rest**, with the **screens** on **hinged** arms that are swung down out of the way when the system is not in...

...TEXT: BA has elected to use an individual videotape-player in each first-class seat's **arm rest**, with the **screens** on **hinged** arms that are swung down out of the way when the system is not in...

21/3,K/5 (Item 1 from file: 484)  
DIALOG(R)File 484:Periodical Abs Plustext  
(c) 2003 ProQuest. All rts. reserv.

04571836 SUPPLIER NUMBER: 47245571 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Cyber sand castle**

Anonymous

House Beautiful (GHBE), v142 n1, p46, p.1  
Jan 2000

ISSN: 0018-6422 JOURNAL CODE: GHBE

DOCUMENT TYPE: Feature

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 368

TEXT:

... sounds of beach and ocean to flat-panel TVs whose position suggests what they might **display - hinged** to walls (virtual window views), dangling from the ceiling (sea gulls), embedded in the boardwalk where it spans the atrium wave pool (swimming fish). **Kiosk** -type cabinets and a food cart extend the beach theme. A concrete campfire ring in...

21/3,K/7 (Item 2 from file: 608)

DIALOG(R)File 608:KR/T Bus.News.

(c)2003 Knight Ridder/Tribune Bus News. All rts. reserv.

618784 Story Number: 9900 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**HONDA CONCEPT CAR PREVIEWS POTENTIAL MINIVAN**

Tony Swan

Detroit Free Press

Jan 06, 1998 03:13 E.T.

DOCUMENT TYPE: Newspaper RECORD TYPE: Fulltext LANGUAGE: English

WORD COUNT: 0648

...TEXT: mini video cams replace the traditional mirror array, sending their pictures to instrument panel monitors.

**Armrest** data processing. Each seat has its own flip-up video display terminal that can double as a computer **screen**.

Articulating **swivel** seats. All three passenger seats swivel and/or recline.

Overhead video monitors. Linked to global...

21/3,K/9 (Item 1 from file: 813)

DIALOG(R)File 813:PR Newswire

(c) 1999 PR Newswire Association Inc. All rts. reserv.

0842212 NY101

**CONTINENTAL INAUGURATES DAILY NON-STOP SERVICE FROM NEWARK NEW YORK TO MANCHESTER, ENGLAND**

DATE: July 19, 1995 15:16 EDT WORD COUNT: 534

...in international first class. Each seat is equipped with a motorized extendible legrest and adjustable **headrest**, as well as a personal entertainment system featuring a choice of six simultaneous multi-lingual video programs on a flip-up swivel -mounted LCD television

**screen**, plus a choice of 90-minute audio programs on electronic stereo headsets. All flights to...

21/3,K/10 (Item 1 from file: 613)

DIALOG(R)File 613:PR Newswire

(c) 2003 PR Newswire Association Inc. All rts. reserv.

00422573 20000926NYTU016 (USE FORMAT 7 FOR FULLTEXT)

**High Design at 35,000 Feet; British Airways' New Club World Seat on Display at Miami Museum**

PR Newswire

Tuesday, September 26, 2000 08:01 EDT

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 387

...upright position to comfortable reclined positions to the fully flat 6-foot bed.

A convenient **console** holds power for a laptop, headphone sockets, personal

lighting and a video monitor . The monitor hinges out to provide comfortable viewing positions for all seat positions.

Screens between the seat pairs...

21/3,K/13 (Item 1 from file: 610)  
DIALOG(R)File 610:Business Wire  
(c) 2003 Business Wire. All rts. reserv.

00187956 20000207038B2724 (USE FORMAT 7 FOR FULLTEXT)  
**NEC Computers Inc. Introduces PowerMate 2000 Microdesktop PC With Intel Pentium III Processor**  
Business Wire  
Monday, February 7, 2000 06:16 EST  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 1,352

...and development laboratories, healthcare, reception areas, kiosks and executive offices. The NEC PowerMate 2000's pivoting LCD panel and compact size make it ideal for deskside briefings and consultations with customers and...

27/3,K/3 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

02230277 82017760

**GMC keeps momentum with new '02 models**

Corbett, Brian

Ward's Auto World v37n9 PP: 71 Sep 2001

ISSN: 0043-0315 JRNL CODE: WAW

WORD COUNT: 476

...TEXT: extension cords.

The Envoy with the DVD player will hit the market in September. The **flip** -down, 7-in. liquid crystal **display** is paired with two sets of wireless headphones. There's a parental mute control on the overhead **console** near the driver's right shoulder. The DVD unit also has video and audio input...

27/3,K/4 (Item 2 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

02040679 55495253

**Durability differentiates palmtops: Slim Jornada is a lower-priced choice**

Orubeondo, Ana

InfoWorld v22n26 PP: 92 Jun 26, 2000

ISSN: 0199-6649 JRNL CODE: IFW

WORD COUNT: 461

...TEXT: tight budget.

The Jornada sports a design that Palm users will find familiar, with a **flip** -up **screen cover** and a stylus **compartment** inside the **cover lid**. The Jornada's stylus is flat instead of cylindrical, which made it a bit difficult...

27/3,K/5 (Item 3 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

01917937 05-68929

**GM and Warner Bros. market minivan to the pre-teen "consumer"**

Anonymous

Potentials v32n10 PP: 6 Oct 1999

ISSN: 0032-5619 JRNL CODE: POIM

WORD COUNT: 274

...TEXT: five-star award-winning minivan, badged with both Warner Bros. and GM logos, offers a **flip** -down **LCD monitor** and **console** -mounted stereo video cassette player with remote control. Rear-seat passengers can watch videos, play...

27/3,K/6 (Item 4 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01857073 05-08065

**iPhone progresses toward no-fuss, all-in-one device**

Brookshaw, Chip

InfoWorld v21n28 PP: 51 Jul 12, 1999

ISSN: 0199-6649 JRNL CODE: IFW

WORD COUNT: 972

...TEXT: useful device and what doesn't, the iPhone advances the Internet appliance market.

The iPhone **console** is about the size of a large laptop and includes a handset (not cordless, unfortunately), telephone keypad, **flip** -up touchscreen **display**, 56Kbps modem, and a keyboard that slides out from the base of the unit.

For...

27/3,K/7 (Item 5 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01795504 04-46495  
**1999 Spring auto guide**  
Koblenz, Jay  
Black Enterprise v29n9 PP: 121-128 Apr 1999  
ISSN: 0006-4165 JRNL CODE: BEN  
WORD COUNT: 3235

...TEXT: fully loaded minivan with one extra feature: a built-in entertainment system. A small color **LCD** video **screen** **flips** down from the roof just aft of the front seats. There's a VCR in the center **console**. The audio system can either play through the speaker system or only through the headphone...

27/3,K/8 (Item 6 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

01756023 04-07014  
**January means...**  
Anonymous  
Ward's Auto World v35n1 PP: 59-60 Jan 1999  
ISSN: 0043-0315 JRNL CODE: WAW  
WORD COUNT: 1392

...TEXT: the SUV's primary attribute. Rear-seat passengers can alter the interior by folding an **armrest** into the center **console** and **flipping** up a wafer-thin video **screen**. And the driver can reposition readouts in the IP display pod.

Chevrolet's Nomad concept...

27/3,K/9 (Item 7 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

01246213 98-95608  
**My airport, my palace**  
Teitelbaum, Richard  
Fortune v134n2 PP: 152-153; European 76-77 Jul 22, 1996  
ISSN: 0015-8259 JRNL CODE: FOR  
WORD COUNT: 1447

...TEXT: foot of the bed-in all, a full 6 feet 6 inches long. Table and **TV screen** **flip** out from the side **console**, and a videocassette player lets me select any one of 60 onboard tapes, from Showgirls...

27/3,K/12 (Item 1 from file: 141)  
DIALOG(R)File 141:Readers Guide  
(c) 2003 The HW Wilson Co. All rts. reserv.

04287357 H.W. WILSON RECORD NUMBER: BRGA00037357 (USE FORMAT 7 FOR FULLTEXT)



**Test tubes.**

Baldwin, Ian.

Kiplinger's Personal Finance v. 54 no7 (July 2000) p. 94-9

WORD COUNT: 2760

(USE FORMAT 7 FOR FULLTEXT)

**TEXT:**

... often more expensive to install, can be inserted in the back of front seats or **headrests** . With either of these options, the actual DVD or cassette deck goes wherever there is...mounted system that fits most other vehicles. The 6.4-inch or 6.8-inch **flip** -down **LCD screen** with a VCP (in a **console** ) lists for \$1,200 without a TV tuner, \$1,400 with a tuner. With installation, an overhead system will run between \$1,800 and \$2,400. An EZ Fit **console** , with a built-in VCP and a 5-inch traditional screen, costs about \$600 installed...

...new universal system for minivans for the same price. It includes a 6.4-inch, **flip** -down **LCD screen** , **VCR** , **TV** tuner with a built-in antenna, infrared remote control, two sets of wired headsets (wireless...

...optional) and, to delight your kids, a Nintendo 64 game system. Visteon also makes a **console** model (\$1,499) that has basically the same features but has a VCP and lacks...

**27/3,K/13 (Item 2 from file: 141)**

DIALOG(R)File 141:Readers Guide

(c) 2003 The HW Wilson Co. All rts. reserv.

03294962 H.W. WILSON RECORD NUMBER: BRGA96044962 (USE FORMAT 7 FOR FULLTEXT)

**My airport, my palace.**

AUGMENTED TITLE: comparing first-class services of Virgin Atlantic and British Airways

Teitelbaum, Richard S.

Fortune (Fortune) v. 134 (July 22 '96) p. 152-3

WORD COUNT: 1562

(USE FORMAT 7 FOR FULLTEXT)

**TEXT:**

... foot of the bed--in all, a full 6 feet 6 inches long. Table and **TV screen** **flip** out from the side **console** , and a videocassette player lets me select any one of 60 onboard tapes, from Showgirls...

**27/3,K/16 (Item 1 from file: 484)**

DIALOG(R)File 484:Periodical Abs Plustext

(c) 2003 ProQuest. All rts. reserv.

05005309 SUPPLIER NUMBER: 69922998 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Expedition & wilderness SUT 21'**

Campbell, Chuck; Campbell, Teresa

Trailer Life (ITLI), v61 n4, p48-50+, p.9

Apr 2001

ISSN: 0041-0780 JOURNAL CODE: ITLI

DOCUMENT TYPE: Feature

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2369

**TEXT:**

... rear-seat entertainment system (\$1,345). This electronic video package consists of a ceiling-mounted, **flip** -down 6.4-inch **LCD monitor** for rear-seat passengers coupled with a VCR deck in the front-seat **armrest** . If keeping fidgety kids or adults happy on long trips is a priority, then this...

27/3,K/19 (Item 4 from file: 484)  
DIALOG(R)File 484:Periodical Abs Plustext  
(c) 2003 ProQuest. All rts. reserv.

03843927 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Duck truck**

Gorant, Jim

Popular Mechanics (GPOM), v175 n8, p40-42, p.2

Aug 1998

ISSN: 0032-4558 JOURNAL CODE: GPOM

DOCUMENT TYPE: Product Review-Favorable

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1065

TEXT:

... or offroad guidance. A 6-CD changer and a cellphone adapter sit in the front **console**, and a **TV monitor flips** down out of an overhead **console**.

The TV speakers are built into the C pillars, while the overhead console has jacks...

27/3,K/21 (Item 6 from file: 484)  
DIALOG(R)File 484:Periodical Abs Plustext  
(c) 2003 ProQuest. All rts. reserv.

02054618 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Today on the street**

Calhoun, John

TCI (GTHC), v28 n7, p12-13, p.2

Aug 1994

ISSN: 1063-9497 JOURNAL CODE: GTHC

DOCUMENT TYPE: News

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 901

LENGTH: Medium (10-30 col inches)

TEXT:

... get some more color and punch and jazz" in the view onto the street.

The **kiosks** have arms that **flip** open to reveal interactive **monitors**, where passersby can participate in polling on various issues. "Also," says the designer, "when these...

?t27/3,k/22-24,26-29,31,33,36-48,50

27/3,K/22 (Item 1 from file: 608)  
DIALOG(R)File 608:KR/T Bus.News.  
(c)2003 Knight Ridder/Tribune Bus News. All rts. reserv.

06870734 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**CORRECTION: GM Teams With Lear Corp. to Build Personal Van**

Al Stamborski

St

February 07, 2001

DOCUMENT TYPE: NEWSPAPER

RECORD TYPE: FULLTEXT

LANGUAGE: ENGLISH

WORD COUNT: 551

...TEXT: to \$37,000..

Standard on all the vans will be a host of amenities: two **flip** -down video **monitors**; separate audio controls for front, middle and rear seats; a video cassette player; a video game **console** that is compatible with Nintendo and Play Station games; and two sets of wireless headphones...

27/3,K/23 (Item 2 from file: 608)  
DIALOG(R)File 608:KR/T Bus.News.  
(c)2003 Knight Ridder/Tribune Bus News. All rts. reserv.

06870451 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**GM Teams With Lear Jet Company to Build a Full-Size Personal Van**  
Al Stamborski  
St  
February 07, 2001  
DOCUMENT TYPE: NEWSPAPER RECORD TYPE: FULLTEXT LANGUAGE: ENGLISH  
WORD COUNT: 518

...TEXT: to \$37,000.

Standard on all the vans will be a host of amenities: two **flip** -down video **monitors** ; separate audio controls for front, middle and rear seats; a video cassette player; a video game **console** that is compatible with Nintendo and Play Station games; and two sets of wireless headphones...

27/3,K/24 (Item 3 from file: 608)  
DIALOG(R)File 608:KR/T Bus.News.  
(c)2003 Knight Ridder/Tribune Bus News. All rts. reserv.

06866869 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Daily Press, Newport News, Va., Storefront Column**  
Daily Press, Newport News, Va  
January 29, 2001  
DOCUMENT TYPE: NEWSPAPER RECORD TYPE: FULLTEXT LANGUAGE: ENGLISH  
WORD COUNT: 721

...TEXT: audio fanatic to the basic system," Ore said.

Worth taking a look at are the **VCRs** , **DVD players** and **flip** -down TVs that can be built into the backs of **headrests** . This may be a surprise for those of us who thought that these kinds of...

27/3,K/26 (Item 5 from file: 608)  
DIALOG(R)File 608:KR/T Bus.News.  
(c)2003 Knight Ridder/Tribune Bus News. All rts. reserv.

06747452 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**The Atlanta Journal and Constitution Test Drive Column**  
Russ DeVault  
Atlanta Journal and Constitution  
February 07, 2000  
DOCUMENT TYPE: NEWSPAPER RECORD TYPE: FULLTEXT LANGUAGE: ENGLISH  
WORD COUNT: 640

...TEXT: lots of storage nooks and crannies. The VCR player and screen are convenient, and the **screen** , which **flips** up from the center **console** , is easily viewed from the rear seats. The image is surprisingly sharp, and the sound...

27/3,K/27 (Item 6 from file: 608)  
DIALOG(R)File 608:KR/T Bus.News.  
(c)2003 Knight Ridder/Tribune Bus News. All rts. reserv.

06718624 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Fort Worth Star-Telegram, Texas, Gadget Review Column**  
Andrea Ahles  
Fort Worth Star-Telegram, Texas  
November 09, 1999  
DOCUMENT TYPE: NEWSPAPER RECORD TYPE: FULLTEXT LANGUAGE: ENGLISH  
WORD COUNT: 859

...TEXT: built-in speaker and two headset jacks, Audiovox says.

Mobile Video also has an overhead **flipdown** liquid-crystal- **display monitor** designed for a stand-alone mini-roof **console** or mounted in vehicle specific overhead **consoles** , the company says.

The price of the Mobile Video ranges from \$800 to \$2,500...

27/3,K/28 (Item 7 from file: 608)  
DIALOG(R)File 608:KR/T Bus.News.  
(c)2003 Knight Ridder/Tribune Bus News. All rts. reserv.

06662940 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Ford Introduces Back-Seat Nintendo Gam Systems**  
Fred O. Williams  
Buffalo News, N.Y  
May 13, 1999  
DOCUMENT TYPE: NEWSPAPER RECORD TYPE: FULLTEXT LANGUAGE: ENGLISH  
WORD COUNT: 504

...TEXT: started with audio systems, to differentiate their vehicles.  
Visteon is marketing a 6.4-inch **flip** -up **screen** with the Nintendo 64  
system, the Japanese game maker's newest and fastest generation of...

...Yoshi, Zelda and Donkey Kong from the family room to the highway.  
The floor-mounted **console** is covered by the vehicle warranty and can  
shunt audio into three head  
phone jacks...

...and other makes have long been able to outfit their rear seat with a  
video **console** and built-in VCR, either as an option from the automaker or  
post-purchase, dealers...

27/3,K/29 (Item 8 from file: 608)  
DIALOG(R)File 608:KR/T Bus.News.  
(c)2003 Knight Ridder/Tribune Bus News. All rts. reserv.

06628549 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Chicago Tribune Jim's Driveway Column**  
Jim Mateja  
Chicago Tribune  
January 24, 1999  
DOCUMENT TYPE: NEWSPAPER RECORD TYPE: FULLTEXT LANGUAGE: ENGLISH  
WORD COUNT: 1738

...TEXT: Only three doors but comfortable rear seat. AutoTrac means  
automatic engagement of 4WD when needed. **Console** holds computer so you  
can work on road. Passenger air-bag cutoff switch clearly shows...

...cargo. Easy-to-see passenger air-bag cutoff switch. On-the-fly 4WD  
activation. Center **console** can hold computer for office on the road.  
FORD WINDSTAR SEL mini-van: Base price...V-6; Fuel economy: 18 m.p.g.  
city/25 highway. Mini-van with a **TV screen** that **flips** down from the  
roof for second- and third-seat occupants, plus headset plugs and controls  
...

27/3,K/31 (Item 10 from file: 608)  
DIALOG(R)File 608:KR/T Bus.News.  
(c)2003 Knight Ridder/Tribune Bus News. All rts. reserv.

06605060 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Chicago Tribune Jim Mateja Column**  
Jim Mateja  
Chicago Tribune  
November 05, 1998  
DOCUMENT TYPE: NEWSPAPER RECORD TYPE: FULLTEXT LANGUAGE: ENGLISH  
WORD COUNT: 751

...TEXT: has the answer. It's the Premiere edition of its Silhouette  
mini-van with a **TV screen** that **flips** down from the roof for second-  
and third-seat occupants, plus headset plugs and controls...

...side, power passenger side on Silhouette with a power open/close button

in the overhead **console** and rear door pillar plus a lock button in the **console** so kids in back can't activate the power open feature).  
At General Motors, Olds...

...a concept mini-van called Pacifica for the auto-show circuit that also sports a **flip** -down **TV** . So Premiere is probably the first of many systems to come.  
As for the van...

27/3,K/33 (Item 12 from file: 608)  
DIALOG(R) File 608:KR/T Bus.News.  
(c) 2003 Knight Ridder/Tribune Bus News. All rts. reserv.

619518 Story Number: 9512 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**AUTO SHOW: HONDA MV-99**  
Tony Swan  
Detroit Free Press  
Jan 08, 1998 03:12 E.T.  
DOCUMENT TYPE: Newspaper RECORD TYPE: Fulltext LANGUAGE: English  
WORD COUNT: 0275

...TEXT: and more computer work stations than some small businesses.  
The personal data systems, complete with **flip** -up video **monitors** ,  
are integrated into the **armrests** . All the monitors are linked to a  
satellite global communications system, and all three passenger...

27/3,K/36 (Item 1 from file: 813)  
DIALOG(R) File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1443582 DEW017A  
**Visteon Automotive Systems: The Facts**

DATE: March 24, 1999 11:20 EST WORD COUNT: 2,186

... Rear Seat Entertainment System, a mobile unit comprised of a 6.4-inch rear-facing **flip** -up **LCD screen** , video cassette **player** and video game plug and play system, will keep kids entertained in the backseat while mom and dad drive. The unit is contained in a OEM-grade center **console** , withstands the harsh environment found in vehicles, and closes up completely to deter theft.  
Visteon...

27/3,K/37 (Item 2 from file: 813)  
DIALOG(R) File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1430344 DEM012A  
**Visteon Multimedia Products Engineered With Today's Convenience-Savvy Consumers in Mind**

DATE: March 1, 1999 12:45 EST WORD COUNT: 628

...blend completely with the automotive interior. The system features a 6.4 inch, rear-facing, **flip** -up **LCD screen** , a video cassette player and video plug-and-play capability, all integrated into a center **console** which looks like original equipment.

Visteon's Rear Seat Entertainment System folds down completely to...

27/3,K/38 (Item 3 from file: 813)  
DIALOG(R) File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1400979

DETH002A

**Visteon's New Rear Seat Entertainment System Turns Minivans Into Mobile Entertainment Centers**

DATE: January 7, 1999

16:06 EST

WORD COUNT: 557

...trips in a vehicle. The system is comprised of a 6.4-inch, rear-facing, **flip -up LCD screen** ; video cassette **player** and video game plug-and-play capability, all of which is integrated into a high-quality center **console** designed to look like original equipment and withstand the harsh environment found in vehicles.

"It...

**27/3,K/39 (Item 4 from file: 813)**

DIALOG(R)File 813:PR Newswire

(c) 1999 PR Newswire Association Inc. All rts. reserv.

1248767

LATH031

**'Running Into the Future': A Special Media Only Preview At the LA Marathon Quality of Life Expo**

DATE: March 23, 1998

09:01 EST

WORD COUNT: 229

...MV-99 features

"lipstick" camera exterior side mirrors, aircraft-type driving controls, fold-down video **monitor screens**, and **armrest flip -up video monitors** .

-- Video footage of Honda's P3 Robot -- a lifelike machine designed to perform hazardous chores...

**27/3,K/40 (Item 5 from file: 813)**

DIALOG(R)File 813:PR Newswire

(c) 1999 PR Newswire Association Inc. All rts. reserv.

1206106

DEM014

**Pontiac's Montana Thunder Designed for Active 21st Century Buyer**

DATE: January 5, 1998

07:58 EST

WORD COUNT: 1,782

...variety of uses.

And so that no one misses the big game while picnicking, the **console** contains a small built-in **TV** with a **flip up LCD screen** .

Audio entertainment is provided by the 500-watt Monsoon system, which includes headliner-mounted rear...

**27/3,K/41 (Item 1 from file: 613)**

DIALOG(R)File 613:PR Newswire

(c) 2003 PR Newswire Association Inc. All rts. reserv.

00487920 20010104DETH022 (USE FORMAT 7 FOR FULLTEXT)

**Delphi Demonstrates Newly Available Rear-Seat Entertainment System at CES**  
PR Newswire

Thursday, January 4, 2001 09:53 EST

JOURNAL CODE: PR NEWswire, INTERACTIVE CONNECTION LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 582

...graphite or beige color. The entertainment system can be installed in seconds by securing the **console**

unit  
with the seat belt for the rear middle seat position and plugging the power  
cable into the lighter power source. A 7-inch diagonal color **display**  
**flips** up  
from the **console** to show movies or games.

The 21- by 14- by 10-inch high console also...

**27/3,K/42** (Item 2 from file: 613)  
DIALOG(R)File 613:PR Newswire  
(c) 2003 PR Newswire Association Inc. All rts. reserv.

00315953 20000419DEW010 (USE FORMAT 7 FOR FULLTEXT)  
**2001 Chevy Venture - Versatile Minivan Helps Consumers Get More Done And  
Have More Fun!**  
PR Newswire  
Wednesday, April 19, 2000 10:00 EDT  
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 582

...offers one-of-a-kind  
features, including an integrated video entertainment system with an  
overhead  
**flip** -down **LCD** video **monitor** -- the largest in the industry -- and a  
**console** -  
mounted stereo videocassette player with remote. The Warner Bros. Edition  
minivan also features a tri...

**27/3,K/43** (Item 3 from file: 613)  
DIALOG(R)File 613:PR Newswire  
(c) 2003 PR Newswire Association Inc. All rts. reserv.

00315587 20000419DEW001 (USE FORMAT 7 FOR FULLTEXT)  
**Delphi Showcases Seat-Top Rear-Seat Entertainment System on Buick Cielo  
Concept Car at New York Auto Show**  
PR Newswire  
Wednesday, April 19, 2000 06:59 EDT  
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 634

...easy installation and removal. The  
entertainment system can be installed in seconds by securing the **console**  
unit  
with a seat belt on the middle seat position on the rear seat and plugging  
a  
power cable into the cigarette lighter power source. A 7-inch diagonal  
color  
**display** **flips** up from the **console** to show movies or games.

"These systems are great for families with children," said Dr...

**27/3,K/44** (Item 4 from file: 613)  
DIALOG(R)File 613:PR Newswire  
(c) 2003 PR Newswire Association Inc. All rts. reserv.

00251470 20000124DEM009 (USE FORMAT 7 FOR FULLTEXT)  
**Delphi Automotive Systems Showcases Seat-Top Rear-Seat Entertainment System  
at Nada**  
PR Newswire  
Monday, January 24, 2000 11:04 EST  
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 604

...easy installation and removal. The entertainment system can be installed in seconds by securing the **console** unit with a seat belt in the middle seat position of the rear seat and plugging a power cable into the cigarette lighter power source. A seven-inch diagonal color **display** **flips** up from the **console** to show movies or games.

"These systems are great for families with children," said Dr...

27/3,K/45 (Item 5 from file: 613)  
DIALOG(R)File 613:PR Newswire  
(c) 2003 PR Newswire Association Inc. All rts. reserv.

00217934 19991117DEW027 (USE FORMAT 7 FOR FULLTEXT)  
**Visteon Wins Technology Award at SAE Congress in Brazil**  
PR Newswire  
Wednesday, November 17, 1999 16:43 EST  
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 563

...show. The system features a mobile unit comprised of a 6.4-inch rear-facing **flip**-up **LCD screen**, video cassette **player** and video game plug and play system that will keep kids entertained in the backseat while mom and dad drive. The unit is contained in an OEM-grade center **console**, withstands the harsh environment found in vehicles, and closes up completely to deter theft.

Visteon...

27/3,K/46 (Item 6 from file: 613)  
DIALOG(R)File 613:PR Newswire  
(c) 2003 PR Newswire Association Inc. All rts. reserv.

00159349 19990805DETH020 (USE FORMAT 7 FOR FULLTEXT)  
**Chevrolet And Warner Bros. Produce Unique Venture**  
PR Newswire  
Thursday, August 5, 1999 13:00 EDT  
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 534

TEXT:  
...is designed to help make family road trips fun and safe. It has an overhead **flip**-down **LCD video monitor** -- with Warner Bros. logo -- and **console** - mounted stereo video cassette player with remote control so kids (and other rear-seat passengers...

27/3,K/47 (Item 1 from file: 635)  
DIALOG(R)File 635:Business Dateline(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

2140698 68019229  
**GM, LEAR ARE BUILDING A FULL-SIZE PERSONAL VAN**  
Stamborski, Al  
St. Louis Post - Dispatch pC.2  
Feb 7, 2001  
WORD COUNT: 429  
DATELINE: Wentzville Missouri, O Fallon Missouri



TEXT:

...to \$37,000.

Standard on all the vans will be a host of amenities: two **flip - down video monitors** ; separate audio controls for front, middle and rear seats; a video cassette player; a video game **console** that is compatible with Nintendo and Play Station games; and two sets of wireless headphones ...

27/3,K/48 (Item 2 from file: 635)  
DIALOG(R)File 635:Business Dateline(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

2050574 49116902

TEST DRIVE: Ford Windstar SEL ready for fun Minivan offers entertaining mix  
DeVault, Russ  
Atlanta Journal the Atlanta Constitution pR; 25  
Feb 5, 2000  
WORD COUNT: 643

TEXT:

...lots of storage nooks and crannies. The VCR player and screen are convenient, and the **screen** , which **flips** up from the center **console** , is easily viewed from the rear seats. The image is surprisingly sharp, and the sound...

...powered by a 200-horsepower, 3.8-liter, six-cylinderengine. / W.A. BRIDGES JR. / StaffPhotoA **VCR screen** (below) **flips** up from the center **console** and is easilyviewed from the rear seats. / W.A. BRIDGES JR. / StaffGraphicTEST DRIVETest vehicle: 2000...

...in first two rows of seatingOther options on test vehicle: entertainment center with CD player, **console** -mounted VCR and screen, \$1,295; four bucket seats with power-adjustable driver's seat...

27/3,K/50 (Item 4 from file: 635)  
DIALOG(R)File 635:Business Dateline(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

1096780 00-68473

'TOON-UP; GM, WARNER BROS. TEAMING FOR LAUGHS, PROFITS ON THE ROAD  
McNary, Dave  
Daily News (Los Angeles, CA, US) pB.1  
PUBL DATE: 990806  
WORD COUNT: 530  
DATELINE: Burbank, CA, US, Pacific

TEXT:

...is aimed at mid-upscale parents with young children and includes features such as a **console** -mounted, **flip -down screen** for passengers in the back to watch videos or play games with the VCR controlled...  
?t27/3,k/51-52,54-59,63

27/3,K/51 (Item 1 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

19427608 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
US computer's graphics point way on ground;War on terror;The Forces  
Christopher McNab  
TIMES  
October 22, 2001

JOURNAL CODE: FTMS LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 467

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... area, the soldier's location via global positioning satellite, and logistics information.

Using the computer **console** itself -worn on the chest with a **flip** -down **screen** and the mouse located on the soldier's rifle -e-mails and operational data can...

27/3,K/52 (Item 2 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

14256582 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Taking the show on the road: Onboard entertainment**

GREG WILLIAMS  
FINANCIAL POST, p06  
December 15, 2000

JOURNAL CODE: FFP LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 1016

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... installing is a single monitor type, where the LCD screen flips down from an overhead **console**. A video cassette player is installed under the front seat, where an adult usually has...

27/3,K/54 (Item 4 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

08126037 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**GM: Chevrolet and Warner Bros. produce unique venture**  
M2 PRESSWIRE

November 08, 1999  
JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 707

... safe. It has an overhead flip-down LCD video monitor - with Warner Bros. logo -- and **console** -mounted stereo video cassette player with remote control so kids (and other rear-seat passengers...

27/3,K/55 (Item 5 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

06466410 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Visteon's Rear Seat Entertainment System to be Residualized At Ford and Lincoln Mercury Dealers**

PR NEWSWIRE  
July 30, 1999  
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 656

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... a hidden, flip-up screen for theft deterrence and a smoother interior appearance. -- Floor-mounted **console**, with storage and cup holders, creates the look and feel of an original equipment accessory...

27/3,K/56 (Item 6 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter

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05409838 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Built-in TV puts Barney in back seat**

JACOB RICHLER

FINANCIAL POST, p06

May 21, 1999

JOURNAL CODE: FFP LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 950

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... mounted TV, would set you back about \$1,000. A nicer installation, featuring a video **screen** that **flipped** down from the head-liner, as a similar device in an aircraft would, cost nearer...

**27/3,K/57 (Item 7 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

(c) 2003 The Dialog Corp. All rts. reserv.

05354725 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**AT LAST, A WAY OF KEEPING CHILDREN QUIET IN THE CAR**

DAVID WILLIAMS MOTORING CORRESPONDENT

EVENING STANDARD, p17

May 17, 1999

JOURNAL CODE: FES LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 169

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... facing flip-up screen, linked to a video cassette player, all integrated into a centre **console**.

It has been designed to be capable of withstanding what the makers describe as the...

**27/3,K/58 (Item 8 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

(c) 2003 The Dialog Corp. All rts. reserv.

04788341 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**If music be the food of driving; Road sage; Motoring**

SUNDAY TIMES (UNITED KINGDOM)

March 28, 1999

JOURNAL CODE: FSTM LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 585

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... features such as pull-down television screens in headrests or PlayStations in the glovebox. A **flip**-down **monitor** and video in the back of a Ford Galaxy costs about Pounds 1,400 plus...

**27/3,K/59 (Item 9 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

(c) 2003 The Dialog Corp. All rts. reserv.

04189766 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**SUPPLY LINE**

John Couretas, Robert Sherefkin and Karalynn Ott

AUTOMOTIVE NEWS, p26

January 18, 1999

JOURNAL CODE: WCAN LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 772

...and has a videocassette player, plug-ins for video game gear, and a

rear-facing, **flip -up**, 6.4-inch **display screen** . Visteon, Ford Motor Co.'s parts-making unit, said the component will be available April...

27/3,K/63 (Item 2 from file: 674)  
DIALOG(R)File 674:Computer News Fulltext  
(c) 2003 IDG Communications. All rts. reserv.

090389

**CES: Show brings the gadget world to Las Vegas**

Byline: Ashlee Vance

Journal: Network World

Publication Date: January 05, 2001

Word Count: 765 Line Count: 71

Text:

... the PC. </p> The Redmond, Wash., software giant may be looking for its Xbox gaming **console** , Ultimate TV products and a series of wireless devices to eventually boost slumping PC-related...

... editor with a number of simplified editing tools directed toward the consumer market. The set- **top box** resembles a VCR and costs \$1,995. Applied Magic, in Carlsbad, Calif., is at <http://>

...playing abilities in the back seat of a car. In addition, users can hook gaming **consoles** up to the 7-inch **flip -up color display** . The unit costs \$1,495 and will ship in February. Delphi, in Troy, Mich., can...  
?

File 2:INSPEC 1969-2003/Nov W4  
(c) 2003 Institution of Electrical Engineers  
File 6:NTIS 1964-2003/Nov W5  
(c) 2003 NTIS, Intl Cpyrght All Rights Res  
File 8:Ei Compendex(R) 1970-2003/Nov W4  
(c) 2003 Elsevier Eng. Info. Inc.  
File 34:SciSearch(R) Cited Ref Sci 1990-2003/Nov W5  
(c) 2003 Inst for Sci Info  
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(c) 2003, EBSCO Pub.  
File 266:FEDRIP 2003/Oct  
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File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 1998 Inst for Sci Info  
File 483:Newspaper Abs Daily 1986-2003/Dec 04  
(c) 2003 ProQuest Info&Learning  
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 The Gale Group  
File 603:Newspaper Abstracts 1984-1988  
(c)2001 ProQuest Info&Learning

| Set | Items   | Description  |
|-----|---------|--|
| S1  | 1222958 | LID OR LIDS OR TOP OR TOPS OR COVER OR COVERS  |
| S2  | 83212   | HINGE? ? OR PIVOT??? ? OR SWIVEL? OR PINION? OR GUDGEON? OR TRUNNION?  |
| S3  | 10564   | S1(5N) (SCREEN? ? OR MONITOR? ? OR DISPLAY? OR TV OR TELEVISION? OR VIDEOSCREEN? OR VIEWSCREEN? OR VDT? ? OR VDU? ? OR VTR? ? OR TELLY? OR DVD? ? OR LCD? ?) |
| S4  | 23871   | CONSOLE OR CONSOLES OR KIOSK?  |
| S5  | 1208    | ARMREST? OR HEADREST? OR (ARM OR HEAD) () REST? ?  |
| S6  | 6666    | S1(3N) (BIN OR BINS OR STORAGE OR COMPARTMENT? ? OR CONTAINER? ? OR CHAMBRE? ? OR CHAMBER? ? OR RECEPTACLE?)   |
| S7  | 7499    | S1(3N) (TRAY? ? OR ENCLOSURE? OR INCLOSURE? OR BOX OR BOXES)   |
| S8  | 1078    | (S2 OR FLIP???? ?) (5N) (SCREEN? ? OR MONITOR? ? OR DISPLAY? OR TV OR TELEVISION? OR VIDEOSCREEN? OR VIEWSCREEN? OR VDT? ? OR VDU? ? OR VTR? ? OR TELLY? ?)  |
| S9  | 355     | (S2 OR FLIP???? ?) (5N) (PLAYER? OR LCD OR VIDEOPLAY? OR VDR? ? OR DVR? ? OR VCR? ?)   |
| S10 | 24      | S8:S9 AND S4:S7  |
| S11 | 3       | S10/2002:2003  |
| S12 | 21      | S10 NOT S11  |
| S13 | 18      | RD (unique items)  |

13/7/6 (Item 1 from file: 94)  
DIALOG(R) File 94:JICST-EPlus  
(c)2003 Japan Science and Tech Corp(JST). All rts. reserv.

00141656 JICST ACCESSION NUMBER: 85A0454469 FILE SEGMENT: JICST-E  
**Programming apparatus with a large size Liquid-crystal display.**  
IWAHASHI SEITARO (1); MATSUDA YOSHIYUKI (1)  
(1) OMRON Tateishi Electronics Co.  
Omron Tech, 1985, NO.74, PAGE.117-128, FIG.25, TBL.2, REF.3

JOURNAL NUMBER: S0266AAU ISSN NO: 0474-1315 CODEN: OMTKA  
UNIVERSAL DECIMAL CLASSIFICATION: 681.584.6/.7+681.586.7 681.327.2  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Journal  
ARTICLE TYPE: Original paper  
MEDIA TYPE: Printed Publication

ABSTRACT: We have developed a Graphic Programming Console (GPC) with high performance, and handheld size for a Programmable Controller (P.C). This console has a flip-up, angle-adjustable Liquid-crystal display (LCD) screen with an Electro Luminescent Lamp (EL) back light and indicates various menus (operation guidance) on LCD at each stage. These special features offer higher productivity in programming/debugging and easier readout monitoring. This paper describes these features mainly from the view point of hardware construction. (author abst.)

13/7/7 (Item 1 from file: 233)

DIALOG(R) File 233: Internet & Personal Comp. Abs.  
(c) 2003, EBSCO Pub. All rts. reserv.

00633758 01PW06-030

**Technology you can really get into**

Bergeron, Lou

PC World, June 1, 2001, v19 n6 p70, 1 Page(s)

ISSN: 0737-8939

Company Name: La-Z-Boy

URL: <http://www.lazboy.com>

Product Name: La-Z-Boy Explorer

Presents a favorable review of the La-Z-Boy Explorer (\$1,299), an Internet-ready recliner from La-Z-Boy (800). Explains that it is equipped for Microsoft WebTV Plus service, giving users Internet access and interactive television while relaxing. Cites armrests that flip open with the right one housing a drink holder and remote control and the left one bearing the wireless detachable keyboard one would use to communicate with the Sony INT-W250 Internet terminal perched atop the television. Mentions, however, that the arm cushions are too soft and the keyboard tray cannot tilt nor move back and forth. Concludes that it is good for novice Web users and those who like to vegetate in front of the television. Includes a photo and a product summary. (MEM)

13/7/8 (Item 2 from file: 233)

DIALOG(R) File 233: Internet & Personal Comp. Abs.  
(c) 2003, EBSCO Pub. All rts. reserv.

00552283 99ML11-015

**Palm IIIe Organizer**

Doe, Charles

MultiMedia Schools, November 1, 1999, v6 n5 p58-59, 2 Page(s)

ISSN: 1075-0479

Company Name: 3Com

URL: <http://www.palm.com>

Product Name: 3Com Palm IIIe Organizer

Presents a very favorable review of the Palm IIIe Organizer (\$199), a handheld computer from 3Com Corp. of Santa Clara, CA (800, 408). Runs on IBM PC Compatibles with Microsoft Windows. Cites features such as a backlit black and white display, 2MB storage, protective flip cover, HotSync cradle for connecting with Windows-based machines, infrared communication capability, ease of installation, graffiti writing area and stylus, and a variety of applications such as To Do List, Memo Pad, Expense Calculator, Date Book, and Mail. Mentions no significant drawbacks. Concludes that it is an outstanding product for use in a variety of educational settings. Received an overall rating of five on a scale of one to five. Includes one photo and one scorecard. (MEM)

13/7/10 (Item 1 from file: 483)

DIALOG(R)File 483:Newspaper Abs Daily  
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06695971            SUPPLIER NUMBER: 95407916  
**Miniature Movie Screens for Small Critics**  
Berger, Ivan  
New York Times, p 12.1  
Dec 16, 2001  
ISSN: 0362-4331            NEWSPAPER CODE: NYT  
DOCUMENT TYPE: Feature; Newspaper article  
LANGUAGE: English            RECORD TYPE: ABSTRACT

ABSTRACT: While smaller than VCR's at home, car players for VHS tapes are chunky, though most can be placed under a seat or in a center **console**. For DVD's, there is a wider choice of player types: stand-alone models to be used like VHS players; in-dash players that handle DVD's and CD's; remote-mounted changers that hold a trip's worth of DVD's and CD's, and are controlled from an in-dash head unit that takes the place of the car's original stereo; and in-dash receivers that play DVD's and CD's. These in-dash DVD receivers, from companies like Alpine, Audiovox, Clarion, Kenwood and Panasonic, are pricey (about \$1,000 to \$2,700) but versatile. All receive AM and FM radio, and models from Alpine, Clarion and Kenwood can accept plug-in navigation systems that give spoken directions and display pictographs or maps on LCD screens (included in some models, optional with others). The screens used for navigation systems can also be used to watch videos in the front seats, but only when the transmission is in park and the handbrake is set. If you have enough space between the seats, Video Traveler makes strap-on models with screens up to 10.4 inches. (That model costs \$1,199 without a TV tuner, \$1,299 with one.) Audiovox makes a \$300 EZ Fit **console**, with a videocassette player and 5-inch TV, that fits between the seats of some vans and S.U.V.'s. And TMI (www.backseattheater.com) makes a system (\$699 to \$899) whose **flip**-down 6.8-inch **screen** receives picture and sound by radio from a combination TV tuner and VHS player or from a DVD or game player.

13/7/11            (Item 2 from file: 483)  
DIALOG(R)File 483:Newspaper Abs Daily  
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06351054            SUPPLIER NUMBER: 69398032  
**TEST DRIVE: A Venture that keeps youngsters entertained Chevy minivan has built-in VCR, room for seven**  
DeVault, Russ  
Atlanta Journal the Atlanta Constitution, p S.3  
Mar 9, 2001  
NEWSPAPER CODE: ATCJ  
DOCUMENT TYPE: Review; Newspaper article  
LANGUAGE: English            RECORD TYPE: ABSTRACT

ABSTRACT: Photo 2001 Warner Bros. edition Chevrolet Venture front-wheel-drive extended minivan. / WILLIAM BERRY / Staff Photo The centerpiece of the Warner Bros. package is the **flip**-down **screen** that can be used to show videos, keeping youngsters in the back rows entertained. / WILLIAM BERRY / Staff Graphic Test vehicle: 2001 Warner Bros. edition Chevrolet Venture front-wheel-drive extended minivan. Price as tested: \$31,815 (base: \$30,315); destination charge, \$630 Drivetrain: 3.4-liter V-6 engine (185 horsepower), four-speed automatic transmission. Safety features: Dual front and side air bags, power anti-lock brakes with front discs and rear drums, OnStar communications system for roadside assistance and emergency services, traction control (part of option package). Standard features include: Cloth/leather seating, dual sliding rear doors, air conditioning, **console**-mounted video **player** with **flip**-down overhead **screen** behind front seats, stereo with CD/cassette players, rear-seat audio controls, overhead **console** with temperature and compass displays, trip computer, reverse approach warning system, automatic power locks, power windows, dual power heated mirrors, rear wiper/washer/defogger, cruise control, aluminum wheels, roof rack, front

bucket seats with six-way power adjustable driver's seat, three second-row and two third-row modular bucket seats. Options on test vehicle: Package with touring suspension, automatic leveling system with inflation kit, traction control, heavy-duty cooling system, remote-operated power rear passenger side door, keyless entry system, \$570; 215/70R15 self-sealing touring tires, \$300. EPA figures: 19 mpg regular unleaded city, 26 mpg highway.

13/7/12 (Item 3 from file: 483)  
DIALOG(R)File 483:Newspaper Abs Daily  
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06291036 SUPPLIER NUMBER: 66260955  
**The gadgets of the future 'You can take it with you' is the selling point of the newest in electronic and computer gear**  
Johnson, Lawrence B  
Detroit News, p E.1  
Jan 8, 2001  
NEWSPAPER CODE: DETN  
DOCUMENT TYPE: Feature; Newspaper article  
LANGUAGE: English RECORD TYPE: ABSTRACT

ABSTRACT: Also new and intriguing from [Fisher] is a complete home theater system -- combination DVD player/receiver plus five small speakers and a subwoofer -- for \$450. Finished entirely in silver, the model AVD-8501 offers a high-tech look and easy operation. Fisher says the system will be in stores by May. \* Ultra-thin, big-screen ("flat") televisions continue to create a stir. Several manufacturers -- Toshiba, Zenith and Pioneer among them -- are showing plasma-based, hang-on-the-wall models, some as large as 60 inches and all in the multi-thousand-dollar price range, some exceeding \$20,000. The industry is struggling with a way to make them cheaper, because the public is fascinated by plasma displays' sleek looks and richly hued, high-resolution pictures. But unlike rear-projection models, plasma televisions do not get cheaper by the inch to produce as they get bigger. \* DVD-RAM, DVD+RW and DVD-RW : Competing formats for recordable DVD players. Whether this ends in a Beta vs. VHS bloodletting or a compromise accord depends largely on talks now under way. RCA K@Z00! As small as its namesake, the RCA's K@Z00! costs \$179. But when it plays MP3 music downloaded off the Internet, it can sound as big as a symphony.; Sony Wega TV model KV-40XBR700 Sony's direct-view TVs are bigger and flatter than ever. The 40-inch Wega is a digital TV monitor with the capability to display high-definition images (1,080 interlaced scan lines) when hooked to a set- **top box** .; Spread over a space equal to seven football fields, the Consumer Electronics Show open Saturday and continues through Tuesday.; Motorola v.100 personal communicator Exchanging quick text messages can be better than a phone for staying in touch with busy people. This neon-colored personal communicator is a hit in Europe because it's both phone and text messenger, with Internet browsing, personal voice notes and sophisticated design thrown into the bargain. Coming in February for less than \$250.; Toshiba **flip top** portable DVD **player** SDP1500 Watch DVD movies on a plane or in the dorm on Toshiba's forthcoming SDP1500. Its 8-inch widescreen is the biggest in the portable realm.; Panasonic e-wear How do you want to wear your music? Panasonic's \$399 "e-wear" components use diminutive chips instead of compact discs for fashionable, skip free listening.

13/7/13 (Item 4 from file: 483)  
DIALOG(R)File 483:Newspaper Abs Daily  
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06102789 SUPPLIER NUMBER: 57559868  
**Drivin' movies COMING TO A VEHICLE NEAR YOU: ENTERTAINMENT SYSTEMS TO KEEP KIDS OF ALL AGES OCCUPIED**  
Holsendolph, Ernest  
Atlanta Journal the Atlanta Constitution, p P; 1  
Aug 6, 2000



NEWSPAPER CODE: ATCJ

; Newspaper article

LANGUAGE: English

RECORD TYPE: ABSTRACT

ABSTRACT: Photo Occupants of the back seat (but not the front) can watch this 6.4-inch **monitor** that **flips** down. / Tweeter Home Entertainment Group Photo These 5.6-inch color monitors from Alpine can be linked to the headlight switch to dim at night and brighten during the day. / Tweeter Home Entertainment Group Photo Alpine's navigation system stores maps of the country on a single disc. / Tweeter Home Entertainment Group Graphic HOTTEST ADD-ONS Among the top selling add-on electronic items for cars and vans: 1. Supplementary speakers, mostly bass subwoofers. Typical 12-inch woofer is \$199. 2. Radio upgrade, typical to high-quality radio/CD players such as Alpine for \$300 and up. 3. Global positioning service such as the Alpine, at \$1,499 to cover the Southeast or \$1,999 for the nation plus much of Canada. 4. Radio-TV **consoles** for vans and sport-utilities, about \$500. 5. Seven-inch LCD video screens, about \$1,100.

13/7/14 (Item 5 from file: 483)

DIALOG(R)File 483:Newspaper Abs Daily

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06036503 SUPPLIER NUMBER: 55155655

Where the TV Room Meets the Road

Furchgott, Roy

New York Times, p 1

Jun 15, 2000

ISSN: 0362-4331

NEWSPAPER CODE: NYT

; Newspaper article

LANGUAGE: English

RECORD TYPE: ABSTRACT

ABSTRACT: Some resourceful consumers are finding simple and cheap ways to put a television and a VCR in the car. But others are paying top dollar for fancy multizone systems, each equipped with a separate L.C.D. flat screen (the kind in laptop computers) that can be mounted in the roof or can **flip** up from a **console**, or **screens** that are mounted on the back of the front-seat **headrests**. Those more expensive systems, which give the car's interior the look of a business-class cabin on a jumbo jet, can let the children play Nintendo or PlayStation video games while Mom listens to a CD and Dad tunes in a radio talk show. To avoid multimedia cacophony, all the passengers can wear earphones, but it is illegal for the driver to wear them. And some systems have controls in the front seat so parents can shut things off in a disciplinary crisis. Car televisions are nothing new, of course. They were as common as shag carpet in conversion vans, popular in the 1970's. George Barris, known to some as King of the Kalifornia Kustomizers for his artistic car modifications, said he installed the first television in a car, in the dashboard of the 1953 Golden Sahara, a bubble-topped vehicle used in the Jerry Lewis movie "Cinderfella." The Golden Sahara television was a home unit, Mr. Barris recalled. "It was a Zenith, and we had the old Zenith remote control," he said. "We also used the remote control to open the doors." He had to put a transformer in the car because the television functioned on 110-volt house current. "The boys have trouble agreeing on the same entertainment," Mr. [Nancy Weaver]. Davis and Nancy Weaver have a similar problem: Ms. Weaver likes the occasional Faith Hill CD, while Mr. Weaver likes to listen to sports on the radio. With a 30-hour drive from their home in Landenberg, Pa., to the Florida Keys ahead of them this summer, they found a solution in a top-of-the-line van with a multizone entertainment system that lets Mr. Weaver listen to the radio while his wife listens to music on a headset and the boys, also using headsets, watch a movie.

13/7/15 (Item 6 from file: 483)

DIALOG(R)File 483:Newspaper Abs Daily

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05433320

**That's Entertainment Electronics Systems Offer Music, Movies and  
Directions--to Go**

Warren, Rich

Chicago Tribune, Sec 8, p 2, col 1

Feb 17, 1999

ISSN: 1085-6706

NEWSPAPER CODE: CT

DOCUMENT TYPE: Feature; Newspaper

LANGUAGE: English

RECORD TYPE: ABSTRACT

LENGTH: Long (18+ col inches)

ABSTRACT: Now you can have a drive-in theater wherever you go, and the sound is anything but tinny. Panasonic, Visteon, Clarion and Alpine have the cinema on wheels. And most of these rolling video systems display navigation information and video games. Necking remains optional. Panasonic has the CX-DV1500 with a digital video disk (DVD) player in the dash and a 7-inch LCD monitor for the rear-seat passengers. Add the CY-AC300 Dolby Digital/DTS processor for a full car theater. It plans to navigational capabilities next year. Visteon, a division of Ford, offers the Rear Seat Entertainment System, which allows you to watch movies in back. The center console conceals a VCR and 6.4-inch flip-up LCD screen. Visteon emphasizes that the Sharp LCD is a special automotive grade with a wider viewing angle, capable of withstanding temperature extremes and shock that would disable ordinary LCDs.

13/7/17 (Item 1 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)

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09555215

Navigation auf schwenkbarem Monitor

GERMANY: BLAUPUNKT INTRODUCES WIDE VISION MONITOR

Handelsblatt (HT) 03 Jul 2001 p.17

Language: GERMAN

Blaupunkt has introduced the new 6.5-inch Wide Vision swiveling monitor with an integrated TV tuner for DM 3,200. The Wide Vision monitor can be operated via touch-screen functions or infrared remote control. The Wide Vision monitor can be used as TV screen in the car. It can also be used in connection with an existing navigation system. The monitor is linked to the navigation computer via a cable. It can be fitted in the standardised slot in the car's console. \*

13/7/18 (Item 2 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)

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02502194

AIRLINES OFFER PERKS TO PERSUADE PASSENGERS

SE ASIA - AIRLINES OFFER PERKS TO PERSUADE PASSENGERS

Singapore Business Times (SBT) 9 February 1989 p3

Airlines in the SE Asia region are offering a number of perks to passengers aimed at persuading them to fly with their respective airline. From February 1989 passengers using Japanese Air Lines will enjoy a new personal video service, the perk is available on the JAL's Tokyo-London and New York service and may be extended to other overseas services after a study of customer feedback. According to a spokesman for JAL a new video system will be installed on its B747-400 flights in January 1990, it will feature Matsushita Electric's mini-television sets situated on a swivelling stand in seat arm rests.

?

File 347:JAPIO Oct 1976-2003/Aug(Updated 031202)

(c) 2003 JPO & JAPIO

File 350:Derwent WPIX 1963-2003/UD,UM &UP=200378

(c) 2003 Thomson Derwent

| Set | Items   | Description   |
|-----|---------|---|
| S1  | 1523767 | LID OR LIDS OR TOP OR TOPS OR COVER OR COVERS   |
| S2  | 551743  | HINGE? ? OR PIVOT??? ? OR SWIVEL? OR PINION? OR GUDGEON? OR TRUNNION?   |
| S3  | 19278   | S1(5N)(SCREEN? ? OR MONITOR? ? OR DISPLAY? OR TV OR TELEVISION? OR VIDEOSCREEN? OR VIEWSCREEN? OR VDT? ? OR VDU? ? OR VTR? ? OR TELLY? OR DVD? ? OR LCD? ?) |
| S4  | 22187   | CONSOLE OR CONSOLES OR KIOSK?   |
| S5  | 15487   | ARMREST? OR HEADREST? OR (ARM OR HEAD)()REST? ?   |
| S6  | 71184   | S1(3N)(BIN OR BINS OR STORAGE OR COMPARTMENT? ? OR CONTAINER? ? OR CHAMBRE? ? OR CHAMBER? ? OR RECEPTACLE?)   |
| S7  | 28391   | S1(3N)(TRAY? ? OR ENCLOSURE? OR INCLOSURE? OR BOX OR BOXES)   |
| S8  | 4850    | (S2 OR FLIP???? ?)(5N)(SCREEN? ? OR MONITOR? ? OR DISPLAY? OR TV OR TELEVISION? OR VIDEOSCREEN? OR VIEWSCREEN? OR VDT? ? OR VDU? ? OR VTR? ? OR TELLY? ?)   |
| S9  | 419     | (S2 OR FLIP???? ?)(5N)(PLAYER? OR LCD OR VIDEOPLAY? OR VDR? ? OR DVR? ? OR VCR? ?)  |
| S10 | 146     | S8:S9 AND S4:S7   |
| S11 | 30392   | IC='G09G-005/00':IC='G09G-005/008'  |
| S12 | 1231    | IC='B60N-002/46':IC='B60N-002/47'   |
| S13 | 2574    | IC='B60N-002/48':IC='B60N-002/48-000/B29K105:04'  |
| S14 | 3313    | MC='W03-G08'  |
| S15 | 1114    | MC='X22-J13'  |
| S16 | 841     | MC='X22-P08'  |
| S17 | 56      | MC='X22-J03A3'  |
| S18 | 611     | MC='W03-G01C'   |
| S19 | 677     | MC='W04-B10D'   |
| S20 | 911     | MC='W04-L05A'   |
| S21 | 3       | S10 AND S11:S13   |
| S22 | 7       | S10 AND S14:S20   |
| S23 | 30      | S8:S9(15N)S4:S5   |
| S24 | 28      | S8:S9(15N)S6:S7   |
| S25 | 61      | S21:S24   |
| S26 | 61      | IDPAT (sorted in duplicate/non-duplicate order)   |
| S27 | 61      | IDPAT (primary/non-duplicate records only)  |
| S28 | 56      | S27 NOT (TELEPHON? OR PHONE?)   |
| S29 | 53      | S28 NOT (COSMETIC? OR JEWEL?)   |
| S30 | 52      | S29 NOT MODEM?  |

30/9/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015498048 \*\*Image available\*\*

WPI Acc No: 2003-560195/200353

XPX Acc No: N03-445279

Arm rest , especially for vehicle seat, with pivotable visual display screen has second arm support rotatable with respect to first, covered by first support with screen in out-of-use position

Patent Assignee: JOHNSON CONTROLS GMBH (JOHN-N)

Inventor: NEUMANN M

Number of Countries: 026 Number of Patents: 002

Patent Family:

| Patent No    | Kind | Date     | Applicat No    | Kind | Date     | Week     |
|--------------|------|----------|----------------|------|----------|----------|
| DE 10161663  | A1   | 20030626 | DE 1061663     | A    | 20011214 | 200353 B |
| WO 200351665 | A1   | 20030626 | WO 2002EP14199 | A    | 20021213 | 200353   |

Priority Applications (No Type Date): DE 1061663 A 20011214

Patent Details:

| Patent No    | Kind | Lan | Pg | Main IPC    | Filing Notes |
|--------------|------|-----|----|-------------|--------------|
| DE 10161663  | A1   |     | 6  | B60N-002/46 |              |
| WO 200351665 | A1   | G   |    | B60N-002/46 |              |

Designated States (National): JP US

Designated States (Regional): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR  
IE IT LU MC NL PT SE SI SK TR

Abstract (Basic): DE 10161663 A1

NOVELTY - The device has a visual **display screen** (12) that can be **pivoted** from an out-of-use position into an in-use position and a first rotatable arm support (6) on whose free end the visual display screen is rotatably mounted. A second arm support (13) rotatable with respect to the first can be covered by the first support with the visual display screen in its out-of-use position.

USE - Especially for vehicle seat.

ADVANTAGE - Enables a visual display screen to be placed in an optimal position of use and can also be used as an **arm rest** in this position.

DESCRIPTION OF DRAWING(S) - The drawing shows a schematic perspective representation of an inventive arrangement  
seat (2)

visual display screen (12)

first and second arm supports (6, 13)

pp; 6 DwgNo 6/6

Title Terms: ARM; REST; VEHICLE; SEAT; PIVOT; VISUAL; DISPLAY; SCREEN;  
SECOND; ARM; SUPPORT; ROTATING; RESPECT; FIRST; COVER; FIRST; SUPPORT;  
SCREEN; POSITION

Derwent Class: Q14; Q17; Q25; X22

International Patent Class (Main): **B60N-002/46**

International Patent Class (Additional): B60R-011/02; B64D-011/00

File Segment: EPI; EngPI

Manual Codes (EPI/S-X): **X22-J13** ; X22-X02B

**30/9/4 (Item 4 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

015431462 \*\*Image available\*\*

WPI Acc No: 2003-493604/200346

XRPX Acc No: N03-392097

**Interior vehicle trim component with swing-out screen hinged to  
component cover, can accommodate a DVD player**

Patent Assignee: JOHNSON CONTROLS GMBH (JOHN-N)

Inventor: BELLENBERG C; HOLLAND P; NEUMANN M

Number of Countries: 026 Number of Patents: 002

Patent Family:

| Patent No    | Kind | Date     | Applicat No    | Kind | Date     | Week     |
|--------------|------|----------|----------------|------|----------|----------|
| WO 200347912 | A2   | 20030612 | WO 2002EP13648 | A    | 20021203 | 200346 B |
| DE 10159919  | A1   | 20030626 | DE 1059919     | A    | 20011206 | 200350   |

Priority Applications (No Type Date): DE 1059919 A 20011206

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200347912 A2 G 20 B60R-011/02

Designated States (National): JP US

Designated States (Regional): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR

IE IT LU MC NL PT SE SI SK TR

DE 10159919 A1 B60R-011/02

Abstract (Basic): WO 200347912 A2

NOVELTY - The component (1) is hollow and has a hinged cover (3). Attached by a hinge (8) to the top of the cover is a display screen (6). The screen folds down behind the cover and is housed in the component by inserting the cover into the aperture (9). A DVD player can be accommodated below the cover behind a hinged flap (28).

USE - As a holder for a display in the center **console** of a private car for use by passengers.

ADVANTAGE - The component forms a compact integrated unit reducing installation costs. The cover protects the display from mechanical damage when not in use and can be rounded or upholstered to increase passenger safety.

DESCRIPTION OF DRAWING(S) - The figure shows a perspective view of a component to the present invention.

component (1)  
cover (3)  
screen (6)  
hinge (8)  
aperture (9)  
DVD player. (28)  
pp; 20 DwgNo 1f/4

Title Terms: INTERIOR; VEHICLE; TRIM; COMPONENT; SWING; SCREEN; HINGE;  
COMPONENT; COVER; CAN; ACCOMMODATE; PLAY

Derwent Class: Q17; W04; X22

International Patent Class (Main): B60R-011/02

International Patent Class (Additional): B60K-037/04; B60R-013/02

File Segment: EPI; EngPI

Manual Codes (EPI/S-X): W04-C10A2; X22-E; X22-J13 ; X22-X02B

30/9/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

015108349 \*\*Image available\*\*

WPI Acc No: 2003-168868/200317

XRPX Acc No: N03-133352

**Passenger aircraft inclinable seat has raisable protective screen in seat console and pivotal acoustic hood behind back for passenger privacy and seclusion.**

Patent Assignee: DEUT LUFTHANSA AG (DELU-N)

Inventor: VOIGT J; VOLTZ S

Number of Countries: 100 Number of Patents: 002

Patent Family:

| Patent No    | Kind | Date     | Applicat No   | Kind | Date     | Week     |
|--------------|------|----------|---------------|------|----------|----------|
| DE 10132282  | A1   | 20030116 | DE 1032282    | A    | 20010706 | 200317 B |
| WO 200304355 | A2   | 20030116 | WO 2002EP7387 | A    | 20020703 | 200330   |

Priority Applications (No Type Date): DE 1032282 A 20010706

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
|-----------|------|-----|----|----------|--------------|

|             |    |  |   |             |  |
|-------------|----|--|---|-------------|--|
| DE 10132282 | A1 |  | 4 | B64D-011/06 |  |
|-------------|----|--|---|-------------|--|

|              |      |  |  |             |  |
|--------------|------|--|--|-------------|--|
| WO 200304355 | A2 G |  |  | B64D-011/06 |  |
|--------------|------|--|--|-------------|--|

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS  
JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM  
PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA  
ZM ZW

Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB  
GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW

Abstract (Basic): DE 10132282 A1

NOVELTY - A protective screen (6) in the armrest or gangway console (5) rides up to partition seats or seat from gangway as positioned. The screen is springloaded and operated by pushbutton from above. Two screens between adjoining seats can be operated individually from respective seats. The screen can also be set in front of the seat to form a table or setdown area. The seat back can adopt seated and recumbent positions as required and has a hood behind the back to enclose the passengers head from sides, back and top. The hood folds down into the seat when not in use and is furnished with sound damping material facing the passenger.

USE - Passenger aircraft.

ADVANTAGE - A simply operated and neatly stowable protective screen ensures individual passenger privacy and relative seclusion for multiple bench type seats. The seat also has a positionable hood to shroud the head at rest with seat in seated or recumbent positions.

DESCRIPTION OF DRAWING(S) - The drawing shows the seat from the side.

seat (1)

seat body (2)  
hood ( 3)  
hood swivel axis (4)  
seat console (5)  
protective screen. (6)  
pp; 4 DwgNo 1/2

Title Terms: PASSENGER; AIRCRAFT; INCLINE; SEAT; RAISE; PROTECT; SCREEN;  
SEAT; CONSOLE; PIVOT; ACOUSTIC; HOOD; BACK; PASSENGER; PRIVATE  
Derwent Class: Q14; Q25  
International Patent Class (Main): B64D-011/06  
International Patent Class (Additional): B60N-002/44  
File Segment: EngPI

30/9/7 (Item 7 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014940583 \*\*Image available\*\*  
WPI Acc No: 2003-001096/200301  
XRPX Acc No: N03-000634

Video monitor console for use in vehicle pivots about upper region  
of holder pivotably connected to stowage compartment cover section,  
pivotably connected to console housing

Patent Assignee: LEAR CORP (LEAR-N); BREWSTER B F (BREW-I); DALY E (DALY-I)  
; EMERLING D M (EMER-I); HICKS T S (HICK-I); KOWALSKI S M (KOWA-I);  
SUMBERA J (SUMB-I); TAYLOR J P (TAYL-I); WHITMAN J (WHIT-I)  
Inventor: BREWSTER B F; DALY E; EMERLING D M; HICKS T S; KOWALSKI S M;  
SUMBERA J; TAYLOR J L; WHITMAN J; TAYLOR J P  
Number of Countries: 003 Number of Patents: 003  
Patent Family:

| Patent No      | Kind | Date     | Applicat No   | Kind | Date     | Week     |
|----------------|------|----------|---------------|------|----------|----------|
| DE 10212944    | A1   | 20021017 | DE 1012944    | A    | 20020322 | 200301 B |
| US 20020163215 | A1   | 20021107 | US 2001278058 | P    | 20010322 | 200301   |
|                |      |          | US 2002104156 | A    | 20020322 |          |
| JP 2003019924  | A    | 20030121 | JP 2002125023 | A    | 20020322 | 200317   |

Priority Applications (No Type Date): US 2001278058 P 20010322; US  
2002104156 A 20020322

Patent Details:

| Patent No      | Kind | Lan | Pg | Main IPC    | Filing Notes                          |
|----------------|------|-----|----|-------------|---------------------------------------|
| DE 10212944    | A1   |     | 21 | B60R-011/02 |                                       |
| US 20020163215 | A1   |     |    | B60R-007/04 | Provisional application US 2001278058 |
| JP 2003019924  | A    |     | 50 | B60R-007/04 |                                       |

Abstract (Basic): DE 10212944 A1

NOVELTY - The vehicle console has a housing (12) for installation  
in a vehicle with a stowage compartment, a pivotably connected stowage  
compartment cover section with a hollow volume in its upper side, a  
pivotable arm rest (16), a monitor holder (24) pivotably connected to  
the cover section and a video monitor pivotable about the upper region  
of the monitor holder.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the  
following: a center seat console and a floor console.

USE - For use with a vehicle, for use between a pair of passenger  
seats (claimed).

ADVANTAGE - Enables a video entertainment system to be accommodated  
with various viewing positions in the vehicle.

DESCRIPTION OF DRAWING(S) - The drawing shows a schematic  
perspective representation of an inventive device.

Housing (12)  
Pivotable arm rest (16)  
Monitor holder (24)  
pp; 21 DwgNo 1/27

Title Terms: VIDEO; MONITOR; CONSOLE; VEHICLE; PIVOT; UPPER; REGION; HOLD;  
PIVOT; CONNECT; STOW; COMPARTMENT; COVER; SECTION; PIVOT; CONNECT;  
CONSOLE; HOUSING

Derwent Class: Q13; Q14; Q17; W04; X22  
International Patent Class (Main): B60R-007/04; B60R-011/02  
International Patent Class (Additional): B60K-037/04; B60N-003/00  
File Segment: EPI; EngPI  
Manual Codes (EPI/S-X): W04-Q; X22-X02B

30/9/9 (Item 9 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014540802 \*\*Image available\*\*  
WPI Acc No: 2002-361505/200239  
Related WPI Acc No: 2003-156007; 2003-328970  
XRPX Acc No: N02-282548

**Visual display system for a vehicle that is embedded in the front console and provides the driver with information e.g. satellite navigation, rear view, vehicle status**

Patent Assignee: ROSEN PROD LLC (ROSE-N)  
Inventor: ROSEN J B  
Number of Countries: 094 Number of Patents: 002

Patent Family:

| Patent No    | Kind | Date     | Applicat No    | Kind | Date     | Week     |
|--------------|------|----------|----------------|------|----------|----------|
| WO 200203712 | A1   | 20020110 | WO 2001US19473 | A    | 20010618 | 200239 B |
| AU 200169893 | A    | 20020114 | AU 200169893   | A    | 20010618 | 200239   |

Priority Applications (No Type Date): US 2001757319 A 20010109; US 2000215333 P 20000630

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
|-----------|------|-----|----|----------|--------------|

|              |    |   |    |             |  |
|--------------|----|---|----|-------------|--|
| WO 200203712 | A1 | E | 48 | H04N-007/18 |  |
|--------------|----|---|----|-------------|--|

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

|              |   |  |  |             |                              |
|--------------|---|--|--|-------------|------------------------------|
| AU 200169893 | A |  |  | H04N-007/18 | Based on patent WO 200203712 |
|--------------|---|--|--|-------------|------------------------------|

Abstract (Basic): WO 200203712 A1

NOVELTY - The display system (12) is mounted on the front console (14) and provides a generally horizontal display with a pivoted opaque surface that reflects an image for viewing by the driver of the vehicle. The vehicle is equipped with various video sources such as cameras (62, 64, 66, 68), a processor, and a navigation system. A video control module is used to select an image source for presentation on the display.

DETAILED DESCRIPTION - An independent claim is included for a vehicle with the display system

USE - To present driver with all relevant information appertaining to the vehicle.

ADVANTAGE - Display can be folded into the dashboard console when not required.

DESCRIPTION OF DRAWING(S) - Side view of vehicle

Display system (12)

Console (14)

Video cameras (62, 64, 66, 68)

pp; 48 DwgNo 1/7

Title Terms: VISUAL; DISPLAY; SYSTEM; VEHICLE; EMBED; FRONT; CONSOLE; DRIVE ; INFORMATION; SATELLITE; NAVIGATION; REAR; VIEW; VEHICLE; STATUS

Derwent Class: T01; W02; X22

International Patent Class (Main): H04N-007/18

File Segment: EPI

Manual Codes (EPI/S-X): T01-C04; T01-J07D1; T01-J07D3A; W02-F01E; X22-E07

30/9/11 (Item 11 from file: 350)  
DIALOG(R)File 350:Derwent WPIX

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014408289 \*\*Image available\*\*

WPI Acc No: 2002-228992/200229

XRPX Acc No: N02-175968

**Multimedia appliance for operating safely and comfortably from any seat in a motor vehicle includes a recess for holding a multimedia player for swiveling with its rear side.**

Patent Assignee: BECKER GMBH (BECK-N); HARMAN BECKER AUTOMOTIVE SYSTEMS  
BECKER (HARM-N); KARL A (KARL-I); KOHL W (KOHL-I); RAAB M (RAAB-I);  
WIETZKE J (WIET-I)

Inventor: KARL A; KOHL W; RAAB M; WIETZKE J

Number of Countries: 027 Number of Patents: 004

Patent Family:

| Patent No      | Kind | Date     | Applicat No   | Kind | Date     | Week     |
|----------------|------|----------|---------------|------|----------|----------|
| EP 1127747     | A2   | 20010829 | EP 2001101479 | A    | 20010124 | 200229 B |
| US 20020013951 | A1   | 20020131 | US 2001791396 | A    | 20010222 | 200229   |
| DE 10008092    | A1   | 20010906 | DE 1008092    | A    | 20000222 | 200229   |
| DE 10008092    | C2   | 20020214 | DE 1008092    | A    | 20000222 | 200229   |

Priority Applications (No Type Date): DE 1008092 A 20000222

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 1127747 A2 G 6 B60R-011/02

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI TR

US 20020013951 A1 H04N-007/16

DE 10008092 A1 B60R-011/02

DE 10008092 C2 B60R-011/02

Abstract (Basic): EP 1127747 A2

NOVELTY - For the safe, comfortable operation of a multimedia player (2) for a multimedia appliance (1) in car or a minibus from any seat, there is a recess (3) in the multimedia appliance for holding the multimedia **player** that **swivels** with its rear side (5) while fastened on the front and rear side of the recess and able to swivel 180 degrees out of the recess. The multimedia player can be comfortably stocked up with recording media from any seat.

USE - For playing CDs and DVDs in motor vehicles.

ADVANTAGE - The multimedia appliance fits in the center **console** or between a vehicle's front seats. This means that the front-loading side (4) of the multimedia **player swivels** forwards or backwards in the vehicle so that it can be operated comfortably from both front and back seats.

DESCRIPTION OF DRAWING(S) - The drawing shows a longitudinal cross section of a multimedia appliance with a multimedia player swung open.

Multimedia player (2)

Multimedia appliance (1)

Recess (3)

Rear side (5)

Front-loading side (4)

pp; 6 DwgNo 2/4

Title Terms: APPLIANCE; OPERATE; SAFE; COMFORT; SEAT; MOTOR; VEHICLE;

RECESS; HOLD; PLAY; REAR; SIDE

Derwent Class: Q17; W03; W04; X22

International Patent Class (Main): B60R-011/02; H04N-007/16

International Patent Class (Additional): B60R-016/02; H05K-011/02

File Segment: EPI; EngPI

Manual Codes (EPI/S-X): W03-G01C ; W03-G08 ; W04-C10A; W04-L05A ;  
X22-X02B

30/9/12 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013992464 \*\*Image available\*\*

WPI Acc No: 2001-476679/200152



XRPX Acc No: N01-352806

**Monitor or display arrangement that can be lowered for cars and mounted on pivoting arm has, for installation in region of rear seat, monitor together with pivoting arms in side of middle armrest of rear seats**  
Patent Assignee: VOLKSWAGEN AG (VOLS )

Inventor: BUSSE G

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No   | Kind | Date     | Applicat No | Kind | Date     | Week      |
|-------------|------|----------|-------------|------|----------|-----------|
| DE 19952894 | A1   | 20010510 | DE 1052894  | A    | 19991103 | 200152' B |

Priority Applications (No Type Date): DE 1052894 A 19991103

Patent Details:

| Patent No   | Kind | Lan | Pg | Main IPC    | Filing Notes |
|-------------|------|-----|----|-------------|--------------|
| DE 19952894 | A1   |     | 6  | B60R-011/02 |              |

Abstract (Basic): DE 19952894 A1

NOVELTY - A monitor or display arrangement that can be lowered for cars and mounted on a pivoting arm, is described.

DETAILED DESCRIPTION - For the installation in the region of the rear seat of the car, the **monitor** (11) together with **pivoting arms** (12) in the side directed forwards of a middle **armrest** (10) assigned to the rear seats can be completely lowered in or out of an opening there or taken out of the same. The pivoting arm is so long or is so arranged that the monitor can be pivoted into the straight-ahead field of vision of the corresponding passenger. Two monitors that can be lowered are provided in the middle armrest.

USE - For display in cars.

ADVANTAGE - Allows a monitor to be fitted in the confined space of a car.

DESCRIPTION OF DRAWING(S) - The drawing shows the display system mounted in a car.

middle armrest (10)

monitor (11)

pivoting arms (12)

pp; 6 DwgNo 1/2

Title Terms: MONITOR; DISPLAY; ARRANGE; CAN; LOWER; CAR; MOUNT; PIVOT; ARM; INSTALLATION; REGION; REAR; SEAT; MONITOR; PIVOT; ARM; SIDE; MIDDLE; ARMREST; REAR; SEAT

Derwent Class: Q13; Q17; W03; X22

International Patent Class (Main): B60R-011/02

International Patent Class (Additional): B60K-035/00

File Segment: EPI; EngPI

Manual Codes (EPI/S-X): W03-A09C; X22-E

?t30/9/15-16,22,24,28,30,34,36

30/9/15 (Item 15 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013798736 \*\*Image available\*\*

WPI Acc No: 2001-282948/200130

XRPX Acc No: N01-201621

**Display screen for computer system used in road vehicle, has screen mounted on hinged arm within vehicle arm rest**

Patent Assignee: VOLKSWAGEN AG (VOLS )

Inventor: BRUECHER B

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No   | Kind | Date     | Applicat No | Kind | Date     | Week     |
|-------------|------|----------|-------------|------|----------|----------|
| DE 19924618 | A1   | 20001130 | DE 1024618  | A    | 19990528 | 200130 B |

Priority Applications (No Type Date): DE 1024618 A 19990528

Patent Details:

| Patent No   | Kind | Lan | Pg | Main IPC    | Filing Notes |
|-------------|------|-----|----|-------------|--------------|
| DE 19924618 | A1   |     | 7  | B60R-011/02 |              |

Abstract (Basic): DE 19924618 A1

NOVELTY - The computer system is built into an arm rest within the road vehicle. The top of the **arm rest** hinges open and the keyboard is stored on the inner surface (5). The computer **screen** (1) is mounted on a **hinged** arm (7) such that it may be raised clear and then turned.

USE - For computer systems within a motor vehicle.

ADVANTAGE - Provides a convenient, compact, fold away unit.

DESCRIPTION OF DRAWING(S) - The figure shows a rear perspective view of the arrangement.

Screen (1)

Arm rest cover containing keyboard (5)

Hinged arm (7)

pp; 7 DwgNo 4/5

Title Terms: DISPLAY; SCREEN; COMPUTER; SYSTEM; ROAD; VEHICLE; SCREEN;

MOUNT; HINGE; ARM; VEHICLE; ARM; REST

Derwent Class: Q17; T01; X22

International Patent Class (Main): B60R-011/02

International Patent Class (Additional): G06F-001/16

File Segment: EPI; EngPI

Manual Codes (EPI/S-X): T01-L02; X22-E; X22-J

30/9/16 (Item 16 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013555923 \*\*Image available\*\*

WPI Acc No: 2001-040130/200105

Related WPI Acc No: 1999-519740

XRPX Acc No: N01-029869

**Overhead console for vehicle navigation display unit has flip down assembly**

Patent Assignee: LEAR DONNELLY OVERHEAD SYSTEMS LLC (LEAR-N)

Inventor: CANNI A; EMERLING D; MILLER D T; MOLA J F; SAMUELS G L; WEILAND W M

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No  | Kind | Date     | Applicat No | Kind | Date     | Week     |
|------------|------|----------|-------------|------|----------|----------|
| US 6125030 | A    | 20000926 | US 98131149 | A    | 19980807 | 200105 B |

Priority Applications (No Type Date): US 98131149 A 19980807

Patent Details:

| Patent No  | Kind | Lan Pg | Main IPC    | Filing Notes |
|------------|------|--------|-------------|--------------|
| US 6125030 | A    | 4      | G06F-001/16 |              |

Abstract (Basic): US 6125030 A

NOVELTY - The console body (12) is an injection molded plastic component. A storage compartment door (14) and lights (16,18) are attached to the console body. The navigation unit (20) is removably connected to the door such that the unit is exposed when door (22) is open.

USE - For vehicle navigation display unit.

ADVANTAGE - It is convenient for operator use and hidden from view when not in use to avoid theft.

DESCRIPTION OF DRAWING(S) - The figure shows a perspective view of vehicle overhead console assembly.

Console Body (12)

Storage Compartment (14)

Lights (16,18)

Navigation Unit (20)

Door (22)

pp; 4 DwgNo 1/5

Title Terms: OVERHEAD; CONSOLE; VEHICLE; NAVIGATION; DISPLAY; UNIT; FLIP; DOWN; ASSEMBLE

Derwent Class: S02; T01; W05; X22

International Patent Class (Main): G06F-001/16

File Segment: EPI

Manual Codes (EPI/S-X): S02-B08E; T01-L; W05-E; X22-E06

30/9/22 (Item 22 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.

010990894 \*\*Image available\*\*  
WPI Acc No: 1996-487843/199649  
XRPX Acc No: N96-411035

**Sun shield for open motor vehicle - has visor mounted on head restraint mounted on vehicle seat to pivot to horizontal position over occupants head**

Patent Assignee: MERCEDES-BENZ AG (DAIM )  
Inventor: EMMER L; GREINER F; KOCH M  
Number of Countries: 005 Number of Patents: 006  
Patent Family:

| Patent No   | Kind | Date     | Applicat No | Kind | Date     | Week     |
|-------------|------|----------|-------------|------|----------|----------|
| GB 2300610  | A    | 19961113 | GB 969452   | A    | 19960507 | 199649 B |
| DE 19516921 | A1   | 19961114 | DE 1016921  | A    | 19950509 | 199651   |
| FR 2733946  | A1   | 19961115 | FR 965620   | A    | 19960506 | 199702   |
| JP 8300942  | A    | 19961119 | JP 96137629 | A    | 19960508 | 199705   |
| GB 2300610  | B    | 19970416 | GB 969452   | A    | 19960507 | 199719   |
| US 5645311  | A    | 19970708 | US 96645007 | A    | 19960509 | 199733   |

Priority Applications (No Type Date): DE 1016921 A 19950509

Patent Details:

| Patent No   | Kind | Lan | Pg | Main IPC | Filing Notes |
|-------------|------|-----|----|----------|--------------|
| GB 2300610  | A    |     | 10 |          |              |
| DE 19516921 | A1   |     | 5  |          |              |
| JP 8300942  | A    |     | 4  |          |              |
| US 5645311  | A    |     | 5  |          |              |

Abstract (Basic): GB 2300610 A

The shield has a visor (3) on a head restraint (1) assigned to the vehicle seat (2) so that it can be pivoted forwards in the direction of travel over the upper edge (1a) of the head restraint approximately into a horizontal position over the head of the occupant.

The visor is attached to a hinge arranged on both sides of the head restraint. Latches for securing the visor in two end positions are provided, one end position being the operational position in a horizontal position over the head of the occupant and the other being a rest position parallel to the rear side of the seat.

ADVANTAGE - Provides shielding of suns rays from front.

Dwg.1/5

Abstract (Equivalent): GB 2300610 B

A shield for protecting an occupant of an open vehicle against the sun and wind, comprising a visor attached pivotally in the region above the head of occupant to the upper region of a head restraint assigned to the occupants seat, in a manner such that it is pivotable forwards, in the direction of travel, over the upper edge of the head restraint into an approximately horizontal position over the head of the occupant, the upper edge of the head restraint being movable upwards to such an extent that it protrudes above the head of the occupant, the visor being hingedly attached to the head restraint, and wherein latching devices for securing the visor in two end positions are provided, one end position being the operational position in a horizontal position over the head of the occupant and the other being a rest position generally parallel to the rear side of the seat.

Dwg.1

Abstract (Equivalent): US 5645311 A

Sun and wind screen arrangement for open motor vehicles, consisting of a **screen** which is **swivellably** mounted in an area above a head of occupants on parts fixed to the vehicle,

wherein the screen is arranged in such a manner in an upper area on a **headrest** assigned to a vehicle seat that it can be swivelled in a driving direction toward a vehicle front beyond an upper edge of the **headrest** into an approximately horizontal position above an occupant's head,

wherein the upper edge of the **headrest** can be selectively moved upwards so far that it projects beyond the occupant's head, wherein the **screen** is mounted on a **hinge** arranged on both sides on the **headrest**, and wherein detent devices for holding the screen in two end positions are assigned to the hinge, one end position being the operative position in the horizontal position above the occupant's head and the other end position being an inoperative position extending in parallel to the rear side of the seat.

Dwg.3/5

Title Terms: SUN; SHIELD; OPEN; MOTOR; VEHICLE; VISOR; MOUNT; HEAD; RESTRAIN; MOUNT; VEHICLE; SEAT; PIVOT; HORIZONTAL; POSITION; OCCUPY; HEAD  
Derwent Class: Q12; Q14  
International Patent Class (Main): B60J-003/00; B60J-007/22; B60N-002/44  
International Patent Class (Additional): B60J-007/08; **B60N-002/48** ;  
B60N-003/00  
File Segment: EngPI

**30/9/24 (Item 24 from file: 350)**

DIALOG(R)File 350:Derwent WPIX  
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010099572 \*\*Image available\*\*  
WPI Acc No: 1995-000825/199501  
XRPX Acc No: N95-000688

**Folding personal viewing screen for aircraft seats - has articulated arm supporting screen on mounting attached to seat armrest**  
Patent Assignee: SICMA SOC IND & COMML MATERIEL AERONAUTI (SICM-N); SOC IND & COMML MATERIAL AERONAUTIQUE (COMA-N)  
Inventor: MARECHAL R R  
Number of Countries: 006 Number of Patents: 006

Patent Family:

| Patent No   | Kind | Date     | Applicat No | Kind | Date     | Week     |
|-------------|------|----------|-------------|------|----------|----------|
| EP 626292   | A1   | 19941130 | EP 94400806 | A    | 19940413 | 199501 B |
| FR 2705641  | A1   | 19941202 | FR 936315   | A    | 19930526 | 199503   |
| JP 7067747  | A    | 19950314 | JP 94112611 | A    | 19940526 | 199519   |
| EP 626292   | B1   | 19960828 | EP 94400806 | A    | 19940413 | 199639   |
| US 5547248  | A    | 19960820 | US 94237397 | A    | 19940503 | 199639   |
| DE 69400419 | E    | 19961002 | DE 600419   | A    | 19940413 | 199645   |
|             |      |          | EP 94400806 | A    | 19940413 |          |

Priority Applications (No Type Date): FR 936315 A 19930526  
Cited Patents: 2.Jnl.Ref; EP 411149; EP 423349; JP 2249734; JP 32014980; US 5076524

Patent Details:

| Patent No                              | Kind | Lan | Pg | Main IPC    | Filing Notes              |
|--|------|-----|----|-------------|---------------------------|
| EP 626292                              | A1   | F   | 6  | B60N-002/46 |                           |
| JP 7067747                             | A    |     | 5  | A47C-007/72 |                           |
| EP 626292                              | B1   | F   | 7  | B60N-002/46 |                           |
| Designated States (Regional): DE GB IT |      |     |    |             |                           |
| US 5547248                             | A    |     | 5  | A47C-007/72 |                           |
| DE 69400419                            | E    |     |    | B60N-002/46 | Based on patent EP 626292 |
| FR 2705641                             | A1   |     |    | B64D-011/06 |                           |

Abstract (Basic): EP 626292 A

The passenger seat for an aircraft includes an **armrest** (1) and an individual screen (2) attached to the **armrest**. The screen is mounted to fold up, passing through a slot (3) formed in the upper surface of the front part (5) of the **armrest**. The **screen** is supported on a **hinged** arm (6, 7) mounted on a plate (8) which is vertically slidable within the **arm rest**.

A support mechanism is provided for the screen so that it may be held up in position when the arm assembly is extended. A locking mechanism retains the screen when in the folded position.

ADVANTAGE - Does not occupy much significant space in front of passenger. Can be folded away in emergency so that passenger does not hit it in event of sudden shock.

Dwg.3/3

Abstract (Equivalent): EP 626292 B

A passenger seat for a public transport vehicle - in particular for an aeroplane - comprising at least one **arm - rest** (1) and at least one individual screen (2) associated with the **arm - rest** (1), the screen (2) being mounted to retract through a slot (3) provided in a top wall (4) of the front portion (5) of the **arm - rest** (1), and the **screen** (2) being associated via a **hinged** jib (6,7) to a plate (8) which is guided to move in vertical translation inside the front portion (5) of the **arm - rest** (1), the seat being characterised by the following, in combination: the plate (8) is slidably mounted on two guide columns (9,10) disposed inside the **arm - rest** (1) substantially perpendicularly to the top wall (4) of the **arm - rest** (1) and at opposite ends of the plate (8), the plate (8) extending substantially parallel to the top wall (4) of the **arm - rest** (1); the hinged jib (6,7) comprises an angled rod (6) hinged at one end about a vertical axis (13) to the plate (8), and a link rod (7) hinged at one of its ends (19 of 18, 19) about a horizontal axis (15) to the other end (14) of the angled rod (6); and the **screen** (2) is **hinged** via its bottom portion (17) to the other end (18) of the link rod (7) that is remote from the end (19) of the link rod (7) which is hinged to the angled rod (6).

Dwg.1/4

Abstract (Equivalent): US 5547248 A

In a passenger seat for a public transport vehicle, the seat including at least one **armrest** (1) having a front portion (5) with a top wall (4) and at least one individual video display (2) associated with the **armrest** (1), the video **display** (2) being mounted via a **hinged** arm (6, 7) that is hinged to a base plate (8) guided inside a front portion (5) of the **armrest** (1) by two vertical guide columns (9, 10) extending in front of and behind the base plate (8); the improvement wherein the hinged arm (6, 7) includes a crank (6) having an end (14) and hinged to the base plate (8) about a vertical axis (13), and a connecting rod means (7) having two ends, one of which is hinged to the end (14) of the crank (6) about a horizontal axis, the other end of which is **hinged** to the video **display** (2) via its bottom portion (17), the video display (2) being retractably mounted via a slot (3) provided in a top wall (4) of the front portion (5) of the **armrest** (1).

Dwg.1/5

Title Terms: FOLD; PERSON; VIEW; SCREEN; AIRCRAFT; SEAT; ARTICULATE; ARM; SUPPORT; SCREEN; MOUNT; ATTACH; SEAT; **ARMREST**

Derwent Class: Q14; W03; W06

International Patent Class (Main): A47C-007/72; **B60N-002/46** ; B64D-011/06

International Patent Class (Additional): A47C-007/54; B60R-011/02;

H04N-005/64

File Segment: EPI; EngPI

Manual Codes (EPI/S-X): W03-A09C; **W03-G01C** ; W06-B01C7

30/9/28 (Item 28 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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009534835 \*\*Image available\*\*

WPI Acc No: 1993-228375/199329

XRPX Acc No: N93-175267

**Portable personal computer with freely dismountable keyboard - has stepped section in upper side of main body with base surface having projection extending upwards cooperating with through opening in keyboard to prevent sliding when inserted for operating**

Patent Assignee: TOSHIBA COMPUTER ENG CORP (TOSH-N); TOSHIBA KK (TOKE )

Inventor: HONDA M; MIURA Y; TAKADA M

Number of Countries: 002 Number of Patents: 008

Patent Family:

| Patent No  | Kind | Date     | Applicat No | Kind | Date     | Week     |
|------------|------|----------|-------------|------|----------|----------|
| DE 4235821 | A1   | 19930715 | DE 4235821  | A    | 19921023 | 199329 B |
| DE 4244748 | A1   | 19940303 | DE 4235821  | A    | 19921023 | 199410   |

|            |    |          |             |   |          |        |
|------------|----|----------|-------------|---|----------|--------|
| DE 4244749 | A1 | 19940310 | DE 4244748  | A | 19921023 |        |
|            |    |          | DE 4235821  | A | 19921023 | 199411 |
| DE 4235821 | C2 | 19941013 | DE 4244749  | A | 19921023 |        |
| US 5400213 | A  | 19950321 | DE 4235821  | A | 19921023 | 199439 |
|            |    |          | US 92964039 | A | 19921020 | 199517 |
|            |    |          | US 93166289 | A | 19931213 |        |
| US 5430608 | A  | 19950704 | US 94267853 | A | 19940629 |        |
|            |    |          | US 92964039 | A | 19921020 | 199532 |
|            |    |          | US 93166289 | A | 19931213 |        |
| US 5444601 | A  | 19950822 | US 94178772 | A | 19940107 |        |
|            |    |          | US 92964039 | A | 19921020 | 199539 |
|            |    |          | US 93166289 | A | 19931213 |        |
|            |    |          | US 94178038 | A | 19940106 |        |
|            |    |          | US 94329686 | A | 19941026 |        |
| US 5448446 | A  | 19950905 | US 92964039 | A | 19921020 | 199541 |
|            |    |          | US 93166289 | A | 19931213 |        |
|            |    |          | US 94178965 | A | 19940106 |        |

Priority Applications (No Type Date): JP 922935 A 19920110

Patent Details:

| Patent No  | Kind | Lan | Pg | Main IPC    | Filing Notes                    |
|------------|------|-----|----|-------------|---------------------------------|
| DE 4235821 | A1   |     | 40 | H05K-005/02 |                                 |
| DE 4244748 | A1   |     |    | G06F-001/16 | Div ex application DE 4235821   |
|            |      |     |    |             | Div ex patent DE 4235821        |
| DE 4244749 | A1   |     | 1  | H05K-007/14 | Div ex application DE 4235821   |
|            |      |     |    |             | Div ex patent DE 4235821        |
| DE 4235821 | C2   |     | 11 | H05K-005/02 | Div in patent DE 4244748        |
|            |      |     |    |             | Div in patent DE 4244749        |
| US 5400213 | A    |     | 37 | H05K-007/12 | Cont of application US 92964039 |
|            |      |     |    |             | Cont of application US 93166289 |
| US 5430608 | A    |     | 35 | G06F-001/16 | Cont of application US 92964039 |
|            |      |     |    |             | Div ex application US 93166289  |
| US 5444601 | A    |     | 37 | G06F-001/16 | Cont of application US 92964039 |
|            |      |     |    |             | Div ex application US 93166289  |
|            |      |     |    |             | Cont of application US 94178038 |
| US 5448446 | A    |     | 37 | G06F-001/16 | Cont of application US 92964039 |
|            |      |     |    |             | Div ex application US 93166289  |

Abstract (Basic): DE 4235821 A

The computer consists of a rectangular main body with a stepped recess (4) at the front in which a removable keyboard (5) fits, and a hinge mounted display unit (3) forming a lid. In position for storage or transport, the keyboard is located by slotted pegs (12) which engage in slots (16) on each side of the keyboard. On closing the lid, hooks (11) engage in the slotted pegs.

Access to the CPU is by a cover (40) beneath which a removable processor is mounted. Upgrade is therefore simplified, and extender cards may be installed. Keyboard supports (18) permit adjustment of the keyboard for optimal ergonomic positioning.

ADVANTAGE - Keyboard and inclination of display can be freely positioned for good working arrangement.

ep

Dwg.2/29

Abstract (Equivalent): DE 4235821 C

The device has a housing (1) with a stepped section (40) in the front of the upper side of the housing (1). This section (4) has a base (4b) lying deeper than the upper side. A display unit (3) on the housing, pivots between a closed position, covering the upper side and the stepped section (4), and an open position leaving them clear. A keyboard (5) can be inserted in the section (40). This is held between the display (3) and the section base (4b) when the display (3) is closed.

The keyboard (5) can be removed to be used separately. An engaging element (12) in the housing (1) engages with the inserted keyboard (5). This element (12) has an enclosure part (12a) for the closed display (3).

ADVANTAGE - Reliably holds keyboard in housing and protects display from damage.

Dwg.1/6

Abstract (Equivalent): US 5448446 A

An electronic device comprising a main body having an upper surface and a stepped portion formed in a front portion of the upper surface, the stepped portion having a bottom surface lower in level than the upper surface, a display arranged on the main body and rotatable between a closed position where the display covers the upper surface and the stepped portion, and an opened position where the upper surface and the stepped portion are exposed, a keyboard removably placed in the stepped portion so that the keyboard is capable of being used when removed from the stepped portion, a circuit board arranged in the main body to oppose the upper surface, the circuit board having a holding portion for detachably holding an electronic component, an extensible cord electrically connecting the keyboard to the circuit board, and wherein the main body has an opening formed in the bottom surface to allow access to the holding portion, and a lid detachably disposed on the bottom surface to close the opening, and the keyboard and the lid having storing portions for storing the cord when the keyboard is placed in the stepped portion.

Dwg.2,8/29

US 5444601 A

The electronic device, such as a personal computer, has a rectangular main body including a bottom wall and a side wall which has an opening. A circuit board is arranged in the main body to oppose the bottom wall within a predetermined distance. The circuit board and the bottom wall define a mounting space between.

An expansion board is mounted in the mounting space and detachable through the bottom wall and the side wall. A connector is fixed to and electrically connected to the circuit board and located between the circuit board and the bottom wall. The connector has a connecting portion opposing the opening and allowing connection of the expansion board. The connector also supports the circuit board. A restraining system is provided for restraining movement of the connector with respect to the bottom wall.

ADVANTAGE - Prevents damage to display.

Dwg.17/26

US 5430608 A

The portable computer has a body which includes a body housing, and a power supply unit provided within the body housing. The power supply unit includes a metal housing having a number of openings and an inner surface. A printed circuit board is provided within the metal housing.

An insulating sheet formed of a resin is provided within the metal housing. A metal film is provided within the metal housing and located between the inner surface of the metal housing and the insulating sheet, the metal film closing the openings.

ADVANTAGE - Reduced weight, good shielding characteristics.

20,21/29

US 5400213 A

The personal computer includes a main body having a stepped portion formed in a front portion of an upper surface of the main body. The stepped portion has a bottom surface lower in level than the upper surface. A keyboard is detachably placed in the stepped portion so that when a display rotatably mounted on the main body is rotated to its closed position, it is clamped between the display and the bottom surface of the stepped portion.

A protruding portion protrudes from the bottom surface of the stepped portion and extends through a through hole formed in the keyboard so to restrain the movement of the keyboard when the keyboard is mounted in the stepped portion. The protruding portion has an abutment portion which is brought into contact with the display rotated to the closed position and supports the display. When the display is rotated to the closed position, a hook on the display engages an engagement portion formed in the protruding portion.

ADVANTAGE - Reliably holds keyboard in stepped portion and prevents damage to display.

Dwg.6/29

Title Terms: PORTABLE; PERSON; COMPUTER; FREE; DISMOUNTED; KEYBOARD; STEP; SECTION; UPPER; SIDE; MAIN; BODY; BASE; SURFACE; PROJECT; EXTEND; UP;

COOPERATE; THROUGH; OPEN; KEYBOARD; PREVENT; SLIDE; INSERT; OPERATE  
 Index Terms/Additional Words: PC  
 Derwent Class: T01; V03; V04  
 International Patent Class (Main): G06F-001/16; H05K-005/02; H05K-007/12;  
 H05K-007/14  
 International Patent Class (Additional): H01R-009/09; H02B-015/00;  
 H05K-007/02; H05K-007/20; H05K-009/00  
 File Segment: EPI  
 Manual Codes (EPI/S-X): T01-L02; T01-M02A1; V03-B04; V03-C01A2; V04-S09;  
 V04-T02

30/9/30 (Item 30 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX  
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008898490 \*\*Image available\*\*  
 WPI Acc No: 1992-025759/199204  
 XRPX Acc No: N92-019561

**Portable electronic lap-top computer - has contact unit for connection to battery via hinge section**

Patent Assignee: TOSHIBA COMPUTER ENG CORP (TOSH-N); TOSHIBA KK (TOKE )  
 Inventor: KOBAYASHI T; YOSHIDA M  
 Number of Countries: 004 Number of Patents: 005

**Patent Family:**

| Patent No  | Kind | Date     | Applicat No | Kind | Date     | Week     |
|------------|------|----------|-------------|------|----------|----------|
| DE 4120967 | A    | 19920116 | DE 4120967  | A    | 19910625 | 199204 B |
| US 5103377 | A    | 19920407 | US 91717836 | A    | 19910621 | 199217   |
| KR 9401681 | B1   | 19940305 | KR 9110545  | A    | 19910625 | 199503   |
| DE 4120967 | C2   | 19950406 | DE 4120967  | A    | 19910625 | 199518   |
| JP 2986180 | B2   | 19991206 | JP 90166220 | A    | 19900625 | 200003   |

Priority Applications (No Type Date): JP 90166220 A 19900625

**Patent Details:**

| Patent No  | Kind | Lan | Pg | Main IPC     | Filing Notes                     |
|------------|------|-----|----|--------------|----------------------------------|
| DE 4120967 | A    |     | 17 |              |                                  |
| JP 2986180 | B2   | 11  |    | G06F-001/18  | Previous Publ. patent JP 4055920 |
| US 5103377 | A    |     | 16 |              |                                  |
| DE 4120967 | C2   | 17  |    | H05K-007/16, |                                  |
| KR 9401681 | B1   |     |    | G06F-001/00  |                                  |

**Abstract (Basic): DE 4120967 A**

A lap top computer has a box shaped base unit (2) and a flat panel display screen (3) that is hinged (15, 16). When in use the display panel is set at an angle to the vertical and when not in use folds down that against the base. Located in the base is the disc drive, processor and power supply.

The power supply has a connection with contacts and a cable provides a coupling between the base and display unit. The cable passes through a guide hole within the hinge section.

ADVANTAGE - Provides compact unit for interconnection between stages. (17pp Dwg.No.1/11)

**Abstract (Equivalent): DE 4120967 C**

The portable electronic device includes a display unit (3) with a joint section (15). The latter (15) has a cable conduit (39). The device also has a base unit (2) with an upper side (5c) and a joint bearing part (8) to receive the joint (15).

The bearing part (8) has a wall (8b) with an open section (17) in the base (2). The base (2) has a receiving compartment (61) to releasably receive a current supply (64). The compartment (61) is arranged next to the bearing part (8) and is open to the upper side (5a). A cover (20) covers the open section (17) and has another wall (22) which cooperates with the wall (8b) of a cable conduit opening (29). A cable (53) electrically connects the display (3) with the base (2) and passes through the cable conduit (39) and the conduit opening (29). A contact connector (73), exposed to the compartment (61) is connected to the current supply (64) and is attached to the cover (20) such that it lies between the compartment (61) and the bearing (8).



ADVANTAGE - Allows contact connector to be provided in miniature base unit and cable can be laid during manufacture of the device in simple, inexpensive manner resulting in simple, small and light device.

Dwg.1/11

Abstract (Equivalent): US 5103377 A

The portable computer includes a base unit having a keyboard and a display unit. In the display unit there is a leg portion having a cable guide passage. In an upper surface of the base unit there is formed a leg mounting portion receiving the leg portion and a mounting recess, which is adjacent to the leg mounting portion for attaching a battery thereto. The leg mounting portion has a wall with an opening section opening into the base unit. The opening section is covered with a cover. The cover has a cover wall forming a cable through hole in cooperation with the wall of the leg mounting portion.

A cable is wired between the cable through hole and the cable guide passage. The cable electrically connects the base unit and the display unit. In the mounting recess, there is arranged a contact terminal electrically contacting the battery. The contact terminal is attached to the cover arranged between the leg mounting portion and the mounting recess.

USE - E.g. lap-top computer or word processor.

Title Terms: PORTABLE; ELECTRONIC; LAP; TOP; COMPUTER; CONTACT; UNIT; CONNECT; BATTERY; HINGE; SECTION

Derwent Class: T01; V04

International Patent Class (Main): G06F-001/00; G06F-001/18; H05K-007/16

International Patent Class (Additional): G06F-001/16; G06F-001/26;

H01M-002/30; H05K-005/02; H05K-005/03; H05K-007/00

File Segment: EPI

Manual Codes (EPI/S-X): T01-L02; V04-D09

30/9/34 (Item 34 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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008387907 \*\*Image available\*\*

WPI Acc No: 1990-274908/199036

XRPX Acc No: N90-212627

**Seat arm rest for housing television receiver - has recess at lower part of cocktail tray formed at front of arm rest and rotary mechanism to which receiver fitted**

Patent Assignee: KOITO IND LTD (KOIT-N)

Inventor: KANDA Y

Number of Countries: 014 Number of Patents: 006

Patent Family:

| Patent No   | Kind | Date     | Applicat No | Kind | Date     | Week     |
|-------------|------|----------|-------------|------|----------|----------|
| WO 9009127  | A    | 19900823 |             |      |          | 199036 B |
| EP 411149   | A    | 19910206 | EP 90902831 | A    | 19900207 | 199106   |
| US 5316369  | A    | 19940531 | US 90573124 | A    | 19901102 | 199421   |
|             |      |          | US 9358809  | A    | 19930510 |          |
| EP 411149   | B1   | 19940720 | EP 90902831 | A    | 19900207 | 199428   |
|             |      |          | WO 90JP151  | A    | 19900207 |          |
| DE 69010797 | E    | 19940825 | DE 610797   | A    | 19900207 | 199433   |
|             |      |          | EP 90902831 | A    | 19900207 |          |
|             |      |          | WO 90JP151  | A    | 19900207 |          |
| EP 411149   | A4   | 19910731 | EP 90902831 | A    | 19900000 | 199517   |

Priority Applications (No Type Date): JP 89U15794 U 19890215

Cited Patents: JP 2016145; JP 55116549; JP 57204921; JP 63149344; JP 64054853; JP 75006625; No-Citns.; JP 50006625; JP 5627054; JP 62074287; JP 2016145; JP 56027054

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9009127 A

Designated States (National): US

Designated States (Regional): AT BE CH DE DK ES FR GB IT LU NL SE

EP 411149 A

Designated States (Regional): AT BE CH DE ES FR GB IT LI LU NL SE

US 5316369 A 16 A47C-007/68 Cont of application US 90573124  
EP 411149 B1 E 18 B64D-011/06 Based on patent WO 9009127  
Designated States (Regional): AT BE CH DE DK ES FR GB IT LI LU NL SE  
DE 69010797 E B64D-011/06 Based on patent EP 411149  
Based on patent WO 9009127

Abstract (Basic): WO 9009127 A

The recess (2) for housing a television receiver (4) is formed at a lower part of a cocktail tray (3) formed at the front part of an arm rest (1). A rotary mechanism (10) is formed at the upper part of the front end of this recess so that it freely comes into and out of the recess with a hinge mechanism (6), which is formed at the fixed end of the rotary mechanism (10), as the centre of rotation.

The television receiver is fitted to the tip of the rotary mechanism (10). The television receiver (4) is supported in a posture of use by the rotary mechanism (10) and is housed inside the recess (2) when not in use.

USE - For airplane, railway cars, buses and other automobiles.

(25pp Dwg.No.1/27)

Abstract (Equivalent): EP 411149 B

An armrest (1) for a seat to be installed on an aircraft or a vehicle, capable of housing a television set (4), comprising: an armrest body provided with a cavity (2) in a front end thereof to house said television set (4) said cavity (2) having an opening in said front end of said **armrest** body; and a hinge mechanism (6) provided with a turning unit (10) having said **television** set (4) mounted thereon, said **hinge** mechanism (6) being attached to the **armrest** body for moving the turning unit (10) along a path extending beyond said front end of said armrest (1) between a first position inside and a second position outside of the cavity (2), wherein a surface (4a) of said television set (4) is parallel to and extends beyond said front end of said armrest (1) when said television set (4) is in said second position, said turning point (10) being pivotable in a horizontal plane between said second position and a third position facing a user sitting in the seat, said turning unit (10) and hinge mechanism (6) moving said television set (4) between the first and third positions without interfering with persons sitting next to the user, characterised by a cocktail tray on the top side of the armrest body, said cocktail tray (3) being located above said cavity (2), and by the hinge mechanism (6) being attached to an upper front end of the cavity (2) for swinging the turning unit (10) through said opening and along a vertical arcuate path.

(Dwg.1/27)

Abstract (Equivalent): US 5316369 A

The armrest (1) comprises an **armrest** body provided with a cavity (2) under a cocktail tray to house a **television** set (4), and a **hinge** mechanism (6) provided with a turning unit (10) and attached to the upper front end of the armrest body so that the turning unit (10) can be turned into and out of the cavity (2).

A television set is mounted on the extremity of the turning unit (10). The television set (4) is held in an operating position by the turning unit (10). When not used, the television set (4) is housed in the cavity (2) of the arm rest body. The hinge mechanism includes a friction mechanism comprising a first hinge pin provided with a first cam on one end received in a knuckle of a knuckle member of the hinge mechanism.

USE - Can be applied to seats to be installed on aircraft, railway rolling stocks and vehicles including buses.

Dwg.1/27

Title Terms: SEAT; ARM; REST; HOUSING; TELEVISION; RECEIVE; RECESS; LOWER; PART; COCKTAIL; TRAY; FORMING; FRONT; ARM; REST; ROTATING; MECHANISM; RECEIVE; FIT

Derwent Class: P26; Q17; Q25; W03; W06; X22; X23

International Patent Class (Main): A47C-007/68; B64D-011/06

International Patent Class (Additional): A47C-007/72; B60R-011/02;

H04N-005/64

File Segment: EPI; EngPI

Manual Codes (EPI/S-X): W03-A09; W06-B01C; X22-X02; X23-A09

30/9/36 (Item 36 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.

004545512  
WPI Acc No: 1986-048856/198608  
XRPX Acc No: N86-035697

**Information display esp. for motor vehicle - shows receive frequency time of day etc. on hinge cover over cassette compartment**

Patent Assignee: VE KOMB PRACITRONIC (PRAC-N)  
Inventor: NIEHOFF W  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

| Patent No | Kind | Date     | Applicat No | Kind | Date     | Week     |
|-----------|------|----------|-------------|------|----------|----------|
| DD 228919 | A    | 19851023 | DD 269357   | A    | 19841112 | 198608 B |

Priority Applications (No Type Date): DD 269357 A 19841112

Abstract (Basic): DD 228919 A

The system uses the **cover** of the cassette **compartment** as a **hinged display** lit from behind by the light source in the compartment.

ADVANTAGE - Easy to use

Title Terms: INFORMATION; DISPLAY; MOTOR; VEHICLE; SHOW; RECEIVE; FREQUENCY ; TIME; DAY; HINGE; COVER; CASSETTE; COMPARTMENT

Derwent Class: W03; X22

International Patent Class (Additional): G11B-033/10; H03J-001/04; H05K-011/02

File Segment: EPI

Manual Codes (EPI/S-X): W03-B03; W03-X; X22-E

?t30/9/50

30/9/50 (Item 50 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.

001303356  
WPI Acc No: 1975-J7273W/197535

**Combination screen and cover for slide projector - has reflective panel pivotal over translucent screen**

Patent Assignee: RICOH KK (RICO )  
Number of Countries: 002 Number of Patents: 002  
Patent Family:

| Patent No  | Kind | Date     | Applicat No | Kind | Date | Week     |
|------------|------|----------|-------------|------|------|----------|
| FR 2251029 | A    | 19750711 |             |      |      | 197535 B |
| US 3951518 | A    | 19760420 |             |      |      | 197618   |

Priority Applications (No Type Date): JP 73U28593 U 19731108

Abstract (Basic): FR 2251029 A

The translucent projection screen (18) is mounted in an aperture (16) of the projector cover (14) and a reflective element (20, 22), used to reflect an incident light beam (I) onto the screen (18), is hinged at one side to one of the vertical outer edges of the aperture (16) in the **cover** (14). In the **storage** position the reflective element (20, 22) fits over the projection **screen** (18) and it **pivots** outwards about its hinged edge into the working position, with a catch (30) holding it in the former position and a strut (26) maintaining it in the working position. A pivoted cover plate (24) may be located between the screen (18) and the reflective element

Title Terms: COMBINATION; SCREEN; COVER; SLIDE; PROJECT; REFLECT; PANEL; PIVOT; TRANSLUCENT; SCREEN

Derwent Class: P82

International Patent Class (Additional): G03B-021/56

File Segment: EngPI

?

File 348:EUROPEAN PATENTS 1978-2003/Nov W04  
(c) 2003 European Patent Office  
File 349:PCT FULLTEXT 1979-2002/UB=20031203,UT=20031127  
(c) 2003 WIPO/Univentio

| Set | Items  | Description   |
|-----|--------|---|
| S1  | 606936 | LID OR LIDS OR TOP OR TOPS OR COVER OR COVERS   |
| S2  | 197703 | HINGE? ? OR PIVOT??? ? OR SWIVEL? OR PINION? OR GUDGEON? OR TRUNNION?   |
| S3  | 21045  | S1(5N)(SCREEN? ? OR MONITOR? ? OR DISPLAY? OR TV OR TELEVISION? OR VIDEOSCREEN? OR VIEWSCREEN? OR VDT? ? OR VDU? ? OR VTR? ? OR TELLY? OR DVD? ? OR LCD? ?) |
| S4  | 17920  | CONSOLE OR CONSOLES OR KIOSK?   |
| S5  | 4232   | ARMREST? OR HEADREST? OR (ARM OR HEAD)()REST? ?   |
| S6  | 38731  | S1(3N)(BIN OR BINS OR STORAGE OR COMPARTMENT? ? OR CONTAINER? ? OR CHAMBRE? ? OR CHAMBER? ? OR RECEPTACLE?)   |
| S7  | 20930  | S1(3N)(TRAY? ? OR ENCLOSURE? OR INCLOSURE? OR BOX OR BOXES)   |
| S8  | 2738   | (S2 OR FLIP???? ?)(5N)(SCREEN? ? OR MONITOR? ? OR DISPLAY? OR TV OR TELEVISION? OR VIDEOSCREEN? OR VIEWSCREEN? OR VDT? ? OR VDU? ? OR VTR? ? OR TELLY? ?)   |
| S9  | 343    | (S2 OR FLIP???? ?)(5N)(PLAYER? OR LCD OR VIDEOPLAY? OR VDR? ? OR DVR? ? OR VCR? ?)  |
| S10 | 71     | S8:S9(25N)S4:S7   |
| S11 | 2574   | IC='G09G-005'   |
| S12 | 622    | IC='B60N-002/46':IC='B60N-002/48'   |
| S13 | 6      | S10 AND S11:S12   |
| S14 | 17     | S10/TI,AB,CM  |
| S15 | 21     | S13:S14   |

15/5,K/3 (Item 3 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2003 European Patent Office. All rts. reserv.

01247057

**Aircraft seat apparatus**

**Flugzeugsitz**

**Siege pour avion**

PATENT ASSIGNEE:

KOITO INDUSTRIES, LTD., (393171), 100, Maeda-cho Totsuka-ku, Yokohama,  
(JP), (Applicant designated States: all)

INVENTOR:

Kitamoto, Mitsuo, Koito Industries, Ltd., 100 Maeda-cho, Totsuka-ku,  
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Asami, Bungo, Koito Industries, Ltd., 100 Maeda-cho, Totsuka-ku, Yokohama,  
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Onoma, Keiichi, Koito Industries, Ltd., 100 Maeda-cho, Totsuka-ku,  
Yokohama, (JP)

LEGAL REPRESENTATIVE:

Patentanwalte Wenzel & Kalkoff (100766), Grubesallee 26, 22143 Hamburg,  
(DE)

PATENT (CC, No, Kind, Date): EP 1078852 A2 010228 (Basic)  
EP 1078852 A3 031119

APPLICATION (CC, No, Date): EP 2000250284 000826;

PRIORITY (CC, No, Date): JP 99241092 990827

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: B64D-011/06; B64D-011/00; B60N-002/46 ;  
B60R-011/02

ABSTRACT EP 1078852 A2

An aircraft seat apparatus includes a seat and an armrest with a wing.  
The seat has an inclinable seat back. The armrest with the wing is  
provided to the seat. The armrest is provided with a console on the upper

surface on its rear end side. The console is disposed with seat peripheral equipment.

ABSTRACT WORD COUNT: 55

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 010228 A2 Published application without search report  
Change: 031119 A2 International Patent Classification changed:  
20030927

Search Report: 031119 A3 Separate publication of the search report

LANGUAGE (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|----------------|----------|--------|------------|
|----------------|----------|--------|------------|

|          |           |        |     |
|----------|-----------|--------|-----|
| CLAIMS A | (English) | 200109 | 377 |
|----------|-----------|--------|-----|

|        |           |        |      |
|--------|-----------|--------|------|
| SPEC A | (English) | 200109 | 7755 |
|--------|-----------|--------|------|

|                               |      |
|-------------------------------|------|
| Total word count - document A | 8132 |
|-------------------------------|------|

|                               |   |
|-------------------------------|---|
| Total word count - document B | 0 |
|-------------------------------|---|

|                                    |      |
|------------------------------------|------|
| Total word count - documents A + B | 8132 |
|------------------------------------|------|

...INTERNATIONAL PATENT CLASS: B60N-002/46

...SPECIFICATION of the slide unit 81 described above. The stationary guide 111A is fixed in the **armrest** 13 substantially horizontally. The front end of the pivotal guide 111B is pivotally connected to the rear end of the stationary guide 111A through a **hinge** 112. When the **TV monitor** 53 is to be used (Fig. 19B), the pivotal guide 111B is horizontally held, and...

15/5,K/5 (Item 5 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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00649781

Vehicle seat with retractable display in the armrest

Fahrzeugsitz mit zuruckklappbarem Bildschirm in der Armlehne

Siege de vehicule comportant un ecran escamotable dans l'accoudoir

PATENT ASSIGNEE:

SOCIETE INDUSTRIELLE ET COMMERCIALE DE MATERIEL AERONAUTIQUE (SICMA)

SOCIETE ANONYME, (954200), 7, rue Lucien Coupet, F-36100 Issoudun, (FR)

, (applicant designated states: DE;GB;IT)

INVENTOR:

Marechal, Robert Rene, 98, Avenue Raymond Poincare, F-75116 Paris, (FR)

LEGAL REPRESENTATIVE:

Derambure, Christian (15162), Cabinet Bouju Derambure (Bugnion) S.A.,  
52, rue de Monceau, 75008 Paris, (FR)

PATENT (CC, No, Kind, Date): EP 626292 A1 941130 (Basic)

EP 626292 B1 960828

APPLICATION (CC, No, Date): EP 94400806 940413;

PRIORITY (CC, No, Date): FR 936315 930526

DESIGNATED STATES: DE; GB; IT

INTERNATIONAL PATENT CLASS: B60N-002/46

ABSTRACT EP 626292 A1 (Translated)

The invention relates to a passenger seat for a public transport vehicle - particularly an aeroplane - comprising at least one armrest 1 and at least one individual screen 2 associated with the armrest 1, characterised in that the screen 2 is mounted so that it can be retracted through a slot 3 formed in a top wall 4 of the front part 5 of the armrest 1.

TRANSLATED ABSTRACT WORD COUNT: 71

ABSTRACT EP 626292 A1

L'invention concerne un siege de passager de vehicule de transport en commun - notamment d'avions - comprenant au moins un accoudoir 1 et au moins un ecran individuel 2 associe a l'accoudoir 1, caracterise en ce que l'ecran 2 est monte escamotable a travers une lumiere 3 menagee dans

une paroi superieure 4 de la partie anterieure 5 de l'accoudoir 1. (voir  
l image dans le document original)

ABSTRACT WORD COUNT: 70

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 941130 A1 Published application (A1with Search Report  
;A2without Search Report)

Examination: 950201 A1 Date of filing of request for examination:  
941205

Examination: 951011 A1 Date of despatch of first examination report:  
950828

Grant: 960828 B1 Granted patent

Oppn None: 970820 B1 No opposition filed

LANGUAGE (Publication,Procedural,Application): French; French; French

FULLTEXT AVAILABILITY:

| Available Text                     | Language  | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A                           | (French)  | EPABF2 | 489        |
| CLAIMS B                           | (English) | EPAB96 | 573        |
| CLAIMS B                           | (German)  | EPAB96 | 525        |
| CLAIMS B                           | (French)  | EPAB96 | 524        |
| SPEC A                             | (French)  | EPABF2 | 1551       |
| SPEC B                             | (French)  | EPAB96 | 1496       |
| Total word count - document A      |           |        | 2040       |
| Total word count - document B      |           |        | 3118       |
| Total word count - documents A + B |           |        | 5158       |

INTERNATIONAL PATENT CLASS: B60N-002/46

...CLAIMS slot (3) provided in a top wall (4) of the front portion (5) of  
the **arm - rest** (1), and the **screen** (2) being associated via a  
**hinged** jib (6, 7) to a plate (8) which is guided to move in  
vertical translation inside the front portion (5) of the **arm - rest**  
(1),

the seat being characterized by the following, in combination:

\* the plate (8) is slidably...

15/5,K/6 (Item 6 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00546300

**Stowable video display assembly**

**Verstaubares Videoanzeigegerat**

**Assemblage de rangement d'ecran video**

PATENT ASSIGNEE:

MATSUSHITA AVIONICS SYSTEMS, (1576210), 1916 220th Street S E, Bothell,  
Washington 98021, (US), (applicant designated states: FR;GB;IT)

INVENTOR:

Ridey, Richard B., 13004 N.E. 88th Street, Kirkland, Washington 98033,  
(US)

LEGAL REPRESENTATIVE:

Bubb, Antony John Allen et al (28901), GEE & CO. Chancery House Chancery  
Lane, London WC2A 1QU, (GB)

PATENT (CC, No, Kind, Date): EP 545691 A1 930609 (Basic)  
EP 545691 B1 970402

APPLICATION (CC, No, Date): EP 92311011 921202;

PRIORITY (CC, No, Date): US 801803 911202

DESIGNATED STATES: FR; GB; IT

INTERNATIONAL PATENT CLASS: B60N-002/46 ; A47C-007/72

CITED PATENTS (EP A): EP 411149 A; GB 618014 A; US 3942751 A; EP 423349 A

ABSTRACT EP 545691 A1

A video display assembly, suitable for use in an airplane seat,  
includes a video display (30) and a chamber (32) configured and  
dimensioned to receive the display (30) when the display is disposed in a  
first substantially vertical plane. The display is connected to the

chamber by an arm (40) having a pair of end portions (42,44) and a shank portion (46) intermediate the end portions, a proximal one (42) of the end portions being secured to the chamber (32) and a distal other (44) of the end portions being secured to the display (30). The proximal one arm end portion (42) is pivotable in the first substantially vertical plane relative to the chamber (32) to move the display between a stow orientation wherein the display (30) is stowed in the chamber (32) and an intermediate orientation wherein the display (30) is outside of the chamber (32). The shank portion (46) is pivotable in a substantially horizontal plane relative to the proximal one arm end portion (42) to move the display (30) between the intermediate orientation and a generally vertical use orientation wherein the display (30) is in a second plane. The distal other arm end portion (44) is pivotable relative to the shank portion (46) to tilt the display (30) between the generally vertical use orientation and a tilted use orientation wherein the display (30) is tilted relative to the second plane for ease of viewing. (see image in original document)

ABSTRACT WORD COUNT: 244

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 930609 A1 Published application (A1with Search Report  
;A2without Search Report)  
Examination: 940209 A1 Date of filing of request for examination:  
931208  
Examination: 950920 A1 Date of despatch of first examination report:  
950802  
Grant: 970402 B1 Granted patent  
Oppn None: 980325 B1 No opposition filed

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text                     | Language  | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A                           | (English) | EPABF1 | 795        |
| CLAIMS B                           | (English) | EPAB97 | 871        |
| CLAIMS B                           | (German)  | EPAB97 | 916        |
| CLAIMS B                           | (French)  | EPAB97 | 924        |
| SPEC A                             | (English) | EPABF1 | 6535       |
| SPEC B                             | (English) | EPAB97 | 6751       |
| Total word count - document A      |           |        | 7330       |
| Total word count - document B      |           |        | 9462       |
| Total word count - documents A + B |           |        | 16792      |

INTERNATIONAL PATENT CLASS: B60N-002/46 ...

...SPECIFICATION or video display to be stowed (i.e., stored when not in use) within an **armrest** of a seat on an airplane or other vehicle, but easily removed therefrom to a viewing location. In each case, the video **display** is **pivoted** in a vertical plane about a horizontal axis from its stowed location within the **armrest** upwardly and forwardly (towards the seat in the row ahead), the video **display** then being **pivoted** in a horizontal plane about a vertical axis passing through the video display.

One disadvantage...top thereof into its use orientation. The compartment 32 occupies the major portion of the **armrest** 18, as necessary to accommodate not only the display 30 but also the relatively large size **pivotal** arm 40 necessary to enable **display** 30 to be brought into a convenient viewing orientation.

Referring now to FIGS. 18 and...

...arm 40 of the first embodiment (2.5 v. 6.7 inches), so that the **pivot** arm 40' and **display** 30 can fit into a much shorter compartment 32'. This permits the rear portion of **armrest** 18' to house a video tape cassette player within the armrest 18'. Thus the passenger...

...a significant difference between the first and second embodiments in terms of how high the **display** is elevated above the main **pivot** pin (and thus the **armrest** of the seat), there is very little difference between the two embodiments in how far the **pivot** arm brings the **display** from the **armrest** across the passenger (thereby to center the

display for viewing). The center point of the...

...SPECIFICATION or video display to be stowed (i.e., stored when not in use) within an **armrest** of a seat on an airplane or other vehicle, but easily removed therefrom to a viewing location. In each case, the video **display** is **pivoted** in a vertical plane about a horizontal axis from its stowed location within the **armrest** upwardly and forwardly (towards the seat in the row ahead), the video **display** then being **pivoted** in a horizontal plane about a vertical axis passing through the video display.

One disadvantage...top thereof into its use orientation. The compartment 32 occupies the major portion of the **armrest** 18, as necessary to accommodate not only the display 30 but also the relatively large size **pivotal** arm 40 necessary to enable **display** 30 to be brought into a convenient viewing orientation.

Referring now to FIGS. 18 and...

...arm 40 of the first embodiment (2.5 v. 6.7 inches), so that the **pivot** arm 40' and **display** 30 can fit into a much shorter compartment 32'. This permits the rear portion of **armrest** 18' to house a video tape cassette player within the armrest 18'. Thus the passenger...

...a significant difference between the first and second embodiments in terms of how high the **display** is elevated above the main **pivot** pin (and thus the **armrest** of the seat), there is very little difference between the two embodiments in how far the **pivot** arm brings the **display** from the **armrest** across the passenger (thereby to center the display for viewing). The center point of the...

15/5,K/13 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00869565 \*\*Image available\*\*

#### VEHICULAR DISPLAY SYSTEM

#### SYSTEME D'AFFICHAGE POUR VEHICULES

Patent Applicant/Assignee:

ROSEN PRODUCTS LLC, 1020 Owen Loop South, Eugene, OR 97402, US, US  
(Residence), US (Nationality)

Inventor(s):

ROSEN John B, 87580 Cherry Ridge Road, Eugene, OR 97402, US,

Legal Representative:

KOLISCH J Pierre (et al) (agent), Kolisch Hartwell Dickinson McCormack & Heuser, Suite 200, 520 S.W. Yamhill Street, Portland, OR 97204, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200203712 A1 20020110 (WO 0203712)

Application: WO 2001US19473 20010618 (PCT/WO US0119473)

Priority Application: US 2000215333 20000630; US 2001757319 20010109

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE

SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: H04N-007/18

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6948

#### English Abstract

A display system (12) is provided, such display system including a display with a generally horizontally display surface, and a reflecting



element with an opaque reflective surface being configured to reflect an image presented by the display for viewing by the vehicle occupant. The display system is to be mounted adjacent the front console (14), typically with the display embedded in the front console and the reflecting element mounted above the display at an angle relative thereto.

#### French Abstract

Cette invention concerne un systeme d'affichage (12) comprenant un ecran a surface d'affichage generalement horizontale qui est dote d'un element reflechissant dont la surface reflechissante opaque est concue pour reflechir une image presente sur l'affichage de sorte que ladite image puisse etre vue par l'occupant du vehicule. Le systeme d'affichage se monte contre la console avant (14), en general avec l'ecran encastre dans ladite console et l'element reflechissant monte de biais au-dessus de l'ecran.

Legal Status (Type, Date, Text)

Publication 20020110 A1 With international search report.

Examination 20030116 Request for preliminary examination prior to end of 19th month from priority date

#### Fulltext Availability:

Claims

#### Claim

... for viewing by the vehicle occupant.

6 The display system of claim 4, wherein the **display** is **pivotal** relative to the front **console**.

7 The display system of claim 1, which further comprises an image source operatively connected...

...viewing by the vehicle occupant.

1 7

. The display system of claim 19, wherein the **display** is **pivotal** relative to the front **console**.

24 The display system of claim 19, which farther comprises an image source operatively connected...and configured to present a focused image thereon; a reflecting element mounted at the front **console** and including an opaque reflecting surface configurable in a range of **pivotal** locations relative to the **display** to reflect the focused image and to accommodate an angle of viewing from the operator...

...image thereon; and

a reflecting element pivotally mounted relative to the display at the front **console** and including an opaque reflective surface configured to reflect the focused image, the reflecting element having a first position providing a range of **pivotal** locations relative to the **display** to accommodate vertically the angle of viewing from the operator position, the reflecting element being...

?t15/5,k/17

15/5,K/17 (Item 6 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00510975 \*\*Image available\*\*

MOVING OPERATOR AND DISPLAY UNIT

CABINE DE COMMANDE MOBILE ET UNITE D'AFFICHAGE

Patent Applicant/Assignee:

CASE CORPORATION,

Inventor(s):

DENNY Thomas M,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9942327 A2 19990826  
Application: WO 99US253 19990106 (PCT/WO US9900253)  
Priority Application: US 9827538 19980223  
Designated States: BR DE AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT  
SE

Main International Patent Class: B62D-033/06

International Patent Class: B60K-026/00

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 5224

English Abstract

An improved seating and instrumentation arrangement for an off-road vehicle such as a tractor, combine or excavator is disclosed herein. The arrangement includes a seat (44) having an armrest attached thereto. Attached to the armrest is an electronic display (50) for displaying information to the vehicle operator. The armrest also includes control elements (48) which the operator manipulates to control vehicle and implement operation. The seat is moveable upon the vehicle to conform to a particular operator's positioning preferences, to respond to shock and vibrations and to permit the operator to rotate the seat to view vehicle components or operations which are substantially out of the line of sight of the operator when facing forward relative to the vehicle. This arrangement permits the operator to maintain visual contact with the electronic display and access to the control elements when the seat moves or is rotated from its normal (forward) operating position.

French Abstract

L'invention concerne un systeme de siege et d'instrumentation ameliore pour un vehicule tout terrain tel qu'un tracteur, un multicultureur ou une excavatrice. Ce systeme comprend un siege auquel est fixe un accoudoir. Ce dernier supporte une unite d'affichage permettant de visualiser les informations a l'intention de l'operateur du vehicule. Cet accoudoir comporte egalement des elements de commande (par exemple, un levier d'acceleration, un levier de vitesse, un levier de reglage de la hauteur, un levier antienrayeur, une commande hydraulique, un levier de commande de debranchage de force motrice, etc..) que l'operateur manipule pour commander le vehicule et assurer son fonctionnement. Le siege peut etre deplace sur le vehicule pour s'adapter aux preferences de positionnement d'un operateur particulier, pour repondre aux chocs et aux vibrations et permettre a l'operateur de tourner le siege pour voir des composants du vehicule ou des operations qui sont sensiblement hors de son champ de vue lorsqu'il regarde vers l'avant du vehicule. Ce systeme permet a l'operateur de maintenir un contact visuel avec l'affichage electronique et d'avoir acces aux elements de commande lorsque le siege est deplace ou tourne a partir de sa position de fonctionnement normale (vers l'avant).

Fulltext Availability:

Claims

Claim

... 1, wherein the display means includes  
a liquid crystal display and is positioned at the **armrest**, and the seat  
and **armrest** attach the **display** means to the **pivot** means.  
14 The station of claim 12, wherein the display means is  
positioned at the **armrest**, and the seat and **armrest** attach the  
**display** means to the **pivot** means.

15 The station of claim 14, wherein the display means is a  
liquid crystal...

...pivot.

23 The station of claim 20, wherein the electronic display is  
positioned at the **armrest**, and the seat and **armrest** attach the  
electronic **display** to the **pivot**.

24 The station of claim 23, wherein the electronic display is a liquid crystal display...

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File 347:JAPIO Oct 1976-2003/Aug(Updated 031202)  
(c) 2003 JPO & JAPIO  
File 350:Derwent WPIX 1963-2003/UD,UM &UP=200378  
(c) 2003 Thomson Derwent  
File 348:EUROPEAN PATENTS 1978-2003/Nov W04  
(c) 2003 European Patent Office  
File 349:PCT FULLTEXT 1979-2002/UB=20031127,UT=20031120  
(c) 2003 WIPO/Univentio

| Set | Items   | Description  |
|-----|---------|--|
| S1  | 87      | AU='SHAH S'  |
| S2  | 13      | AU='SHAH S V'  |
| S3  | 1       | AU='SHAH SACHIN V'   |
| S4  | 1419    | PA='VISTEON GLOBAL TECH':PA='VISTEON GLOBAL TECHNOLOGY INC (VIST-N)'   |
| S5  | 2131329 | LID OR LIDS OR TOP OR TOPS OR COVER? ?   |
| S6  | 38986   | S5(5N) (SCREEN? ? OR DISPLAY? OR MONITOR? ? OR TV OR TELEVISION? OR VIDEOSCREEN? OR VIEWSCREEN? OR VDT? ? OR VDU? ? OR TELLY? ?) |
| S7  | 1517    | S1:S4  |
| S8  | 4       | S7 AND S6  |

?t8/9/1-2;t8/6/3-4

8/9/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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015050122 \*\*Image available\*\*  
WPI Acc No: 2003-110638/200310  
XRPX Acc No: N03-087966

Console lid mounted screen for use in car, uses frame that is pivotally connected to console lid so that frame and screen are moved between open and closed positions relative to console lid

Patent Assignee: VISTEON GLOBAL TECHNOLOGIES INC (VIST-N)  
Inventor: SHAH S V

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No      | Kind | Date     | Applicat No   | Kind | Date     | Week     |
|----------------|------|----------|---------------|------|----------|----------|
| US 20020140632 | A1   | 20021003 | US 2001823587 | A    | 20010330 | 200310 B |

Priority Applications (No Type Date): US 2001823587 A 20010330

Patent Details:

| Patent No      | Kind | Lan Pg | Main IPC    | Filing Notes |
|----------------|------|--------|-------------|--------------|
| US 20020140632 | A1   | 10     | G09G-005/00 |              |

Abstract (Basic): US 20020140632 A1

NOVELTY - The display screen (12) is mounted within a frame (10) attached within the interior compartment (28) defined in the console lid (26). The frame is pivotally connected to the console lid so that frame and screen are moved between closed and open positions relative to the console lid.

USE - Console lid mounted screen connected to video cassette recorder (VCR) used in vehicles such as car, mini van, sport utility vehicle.

ADVANTAGE - Passenger can adjust the frame to a desired viewing position and friction pinions maintain that position until further adjustment, thereby allowing adjustment of display screen to compensate for level of light available and the position of the viewer. The position of the display screen in between the rear seat passengers minimizes the danger of passenger hitting the display screen in the event of the accident, since the screen is not directly in front of the passengers. Reduces risk of theft, since the display screen is hidden from view when the frame is in closed position.

DESCRIPTION OF DRAWING(S) - The figure shows a side view of the display screen.

Frame (10)  
Display screen (12)  
Console lid (26)

Interior compartment (28)  
pp; 10 DwgNo 3/6  
Title Terms: CONSOLE; LID; MOUNT; SCREEN; CAR; FRAME; PIVOT; CONNECT;  
CONSOLE; LID; SO; FRAME; SCREEN; MOVE; OPEN; CLOSE; POSITION; RELATIVE;  
CONSOLE; LID  
Derwent Class: P85; W03; W04; X22  
International Patent Class (Main): G09G-005/00  
File Segment: EPI; EngPI  
Manual Codes (EPI/S-X): W03-G01C; W03-G08; W04-B10D; W04-L05A; X22-J13;  
X22-P08

8/9/2 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014685888 \*\*Image available\*\*  
WPI Acc No: 2002-506592/200254  
XRPX Acc No: N02-400768

Display illumination disabling apparatus for vehicle navigation system,  
receives infrared signal, when the device door is closed, to disable  
illumination element

Patent Assignee: VISTEON GLOBAL TECHNOLOGIES INC (VIST-N  
Inventor: MILNE G J; SORGENFREI B L; WILLIAMS G H  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

| Patent No  | Kind | Date     | Applicat No   | Kind | Date     | Week     |
|------------|------|----------|---------------|------|----------|----------|
| US 6385516 | B1   | 20020507 | US 2001802431 | A    | 20010309 | 200254 B |

Priority Applications (No Type Date): US 2001802431 A 20010309

Patent Details:

| Patent No  | Kind | Lan Pg | Main IPC    | Filing Notes |
|------------|------|--------|-------------|--------------|
| US 6385516 | B1   | 5      | G06F-007/00 |              |

Abstract (Basic): US 6385516 B1

NOVELTY - The graphical display has an illumination element which  
is connected to transceiver. The graphical display is covered, when a  
device door (22) is closed. The illumination elements are disabled,  
when a receiver (20) receives an infrared signal during door closing.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the  
following:

- (1) Display illumination disabling system; and
- (2) Display illumination disabling method.

USE - For regulating graphics illumination in vehicle radio and  
navigation system.

ADVANTAGE - Eliminates light leakage and reduces heat, by using  
signal reflected back to the navigation system. Avoids utilization of  
additional switch and hence reduces system cost. Improves system  
appearance since door covers the graphic display .

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of  
display illumination displaying system.

Receiver (20)

Device door (22)

pp; 5 DwgNo 3/3

Title Terms: DISPLAY; ILLUMINATE; DISABLE; APPARATUS; VEHICLE; NAVIGATION;  
SYSTEM; RECEIVE; INFRARED; SIGNAL; DEVICE; DOOR; CLOSE; DISABLE;  
ILLUMINATE; ELEMENT

Derwent Class: S03; T01; T04; U12; V04; W05; W06; X22

International Patent Class (Main): G06F-007/00

File Segment: EPI

Manual Codes (EPI/S-X): S03-A03; T01-C04D; T01-J07D3A; T01-L02B; T04-H03;  
U12-A02; V04-S; W05-D06A3; W05-D07D; W06-B01B1; X22-B09; X22-E06; X22-J13

8/6/3 (Item 1 from file: 348)  
01436491

Brightness offset error reduction system and method for a display device  
System und Verfahren zur Verringerung der Offset-Helligkeit fur eine  
Systemanzeige

**Systeme et methode de reduction de l'erreur d'offset de luminosite pour un  
dispositif d'affichage**

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text                     | Language  | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A                           | (English) | 200227 | 1722       |
| SPEC A                             | (English) | 200227 | 5494       |
| Total word count - document A      |           |        | 7216       |
| Total word count - document B      |           |        | 0          |
| Total word count - documents A + B |           |        | 7216       |

8/6/4 (Item 2 from file: 348)

01294965

**Air intake filter**

**Ansaugluftfilter**

**Filtre a air d'aspiration**

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text                     | Language  | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A                           | (English) | 200126 | 298        |
| SPEC A                             | (English) | 200126 | 3554       |
| Total word count - document A      |           |        | 3852       |
| Total word count - document B      |           |        | 0          |
| Total word count - documents A + B |           |        | 3852       |

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